

ΚΛΙΜΑΤΙΣΤΙΚΑ ΣΥΣΤΗΜΑΤΑ AIR CONDITIONING SYSTEMS

Models: L3VI-09 / L3VO-09
L3VI-12 / L3VO-12
L3VI-16 / L3VO-16

Wall Mounted Unit **Owner's Manual** Επιτοίχια Μονάδα **Εγχειρίδιο Χρήσης**

Σας ευχαριστούμε που επιλέξατε τη μονάδα κλιματισμού της INVENTOR. Για τη σωστή χρήση της μονάδας, παρακαλούμε διαβάστε προσεκτικά το παρόν εγχειρίδιο και φυλάξτε το για αναφορά στο μέλλον.

Thank you for choosing INVENTOR air conditioning system. For correct use of this unit, please read this manual carefully and keep it for future reference.

English/Ελληνικά

 **inventor**[®]
Your-conditions

L3VI-09 / L3VO-09

L3VI-12 / L3VO-12

L3VI-16 / L3VO-16

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This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

R410A(R32/125: 50/50): 2087.5

Precautions



WARNING

Operation and Maintenance

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Do not connect air conditioner to multi-purpose socket. Otherwise, it may cause fire hazard.
- Do disconnect power supply when cleaning air conditioner. Otherwise, it may cause electric shock.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not wash the air conditioner with water to avoid electric shock.
- Do not spray water on indoor unit. It may cause electric shock or malfunction.
- After removing the filter, do not touch fins to avoid injury.
- Do not use fire or hair dryer to dry the filter to avoid deformation or fire hazard.

Precautions



WARNING

- Maintenance must be performed by qualified professionals. Otherwise, it may cause personal injury or damage.
- Do not repair air conditioner by yourself. It may cause electric shock or damage. Please contact dealer when you need to repair air conditioner.
- Do not extend fingers or objects into air inlet or air outlet. It may cause personal injury or damage.
- Do not block air outlet or air inlet. It may cause malfunction.
- Do not spill water on the remote controller, otherwise the remote controller may be broken.
- When below phenomenon occurs, please turn off air conditioner and disconnect power immediately, and then contact the dealer or qualified professionals for service.
 - Power cord is overheating or damaged.
 - There's abnormal sound during operation.
 - Circuit break trips off frequently.
 - Air conditioner gives off burning smell.
 - Indoor unit is leaking.
- If the air conditioner operates under abnormal conditions, it may cause malfunction, electric shock or fire hazard.
- When turning on or turning off the unit by emergency operation switch, please press this switch with an insulating object other than metal.
- Do not step on top panel of outdoor unit, or put heavy objects. It may cause damage or personal injury.

Precautions



WARNING

Attachment

- Installation must be performed by qualified professionals. Otherwise, it may cause personal injury or damage.
- Must follow the electric safety regulations when installing the unit.
- According to the local safety regulations, use qualified power supply circuit and circuit break.
- Do install the circuit break. If not, it may cause malfunction.
- An all-pole disconnection switch having a contact separation of at least 3mm in all poles should be connected in fixed wiring.
- Including an circuit break with suitable capacity, please note the following table. Air switch should be included magnet buckle and heating buckle function, it can protect the circuit-short and overload.
- Air Conditioner should be properly grounded. Incorrect grounding may cause electric shock.
- Don't use unqualified power cord.
- Make sure the power supply matches with the requirement of air conditioner. Unstable power supply or incorrect wiring or malfunction. Please install proper power supply cables before using the air conditioner.
- Properly connect the live wire, neutral wire and grounding wire of power socket.
- Be sure to cut off the power supply before proceeding any work related to electricity and safety.

Precautions



WARNING

- Do not put through the power before finishing installation.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The temperature of refrigerant circuit will be high, please keep the interconnection cable away from the copper tube.
- The appliance shall be installed in accordance with national wiring regulations.
- Installation must be performed in accordance with the requirement of NEC and CEC by authorized personnel only.
- The air conditioner is the first class electric appliance. It must be properly grounding with specialized grounding device by a professional. Please make sure it is always grounded effectively, otherwise it may cause electric shock.
- The yellow-green wire in air conditioner is grounding wire, which can't be used for other purposes.
- The grounding resistance should comply with national electric safety regulations.
- The appliance must be positioned so that the plug is accessible.
- All wires of indoor unit and outdoor unit should be connected by a professional.
- If the length of power connection wire is insufficient, please contact the supplier for a new one. Avoid extending the wire by yourself.

Precautions



WARNING

- For the air conditioner with plug, the plug should be reachable after finishing installation.
- For the air conditioner without plug, an circuit break must be installed in the line.
- If you need to relocate the air conditioner to another place, only the qualified person can perform the work. Otherwise, it may cause personal injury or damage.
- Select a location which is out of reach for children and far away from animals or plants. If it is unavoidable, please add the fence for safety purpose.
- The indoor unit should be installed close to the wall.

Working temperature range

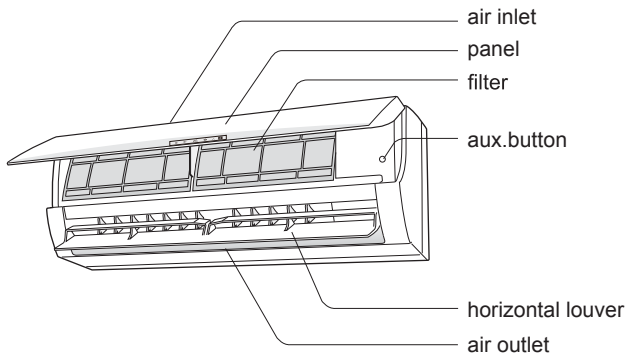
	Indoor side DB/WB(°C)	Outdoor side DB/WB(°C)
Maximum cooling	32/23	43/26
Maximum heating	27/-	24/18

NOTICE:

- The operating temperature range (outdoor temperature) for cooling is $-15^{\circ}\text{C} \sim 43^{\circ}\text{C}$; Heating temperature range for the model without electric heating belt for chassis is $-15^{\circ}\text{C} \sim 24^{\circ}\text{C}$; Heating temperature range for the model with electric heating belt for chassis is $-20^{\circ}\text{C} \sim 24^{\circ}\text{C}$.

Parts Name

Indoor Unit



(Display content or position may be different from above graphics, please refer to actual products)



remote control

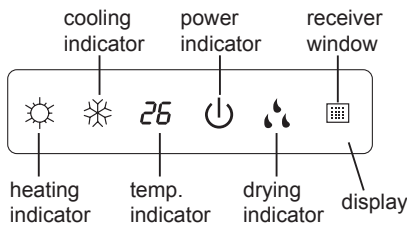
NOTICE:

Actual product may be different from above graphics, please refer to actual products.

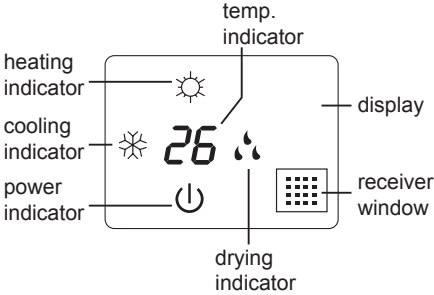
Parts Name

Display

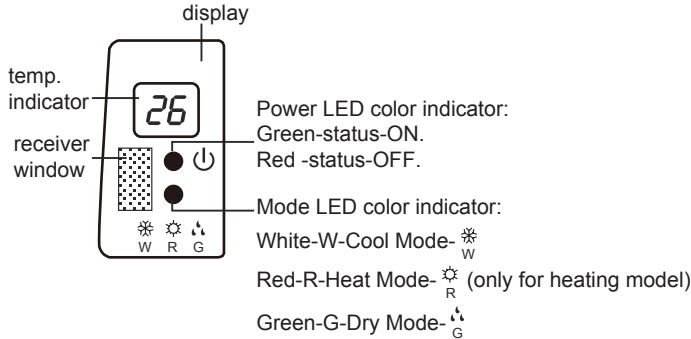
For some model:



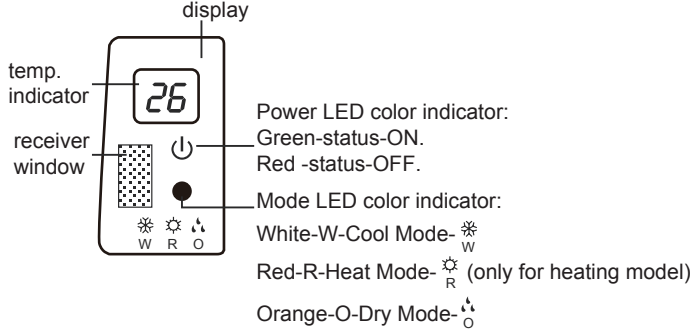
For some model:



For some model:



For some model:



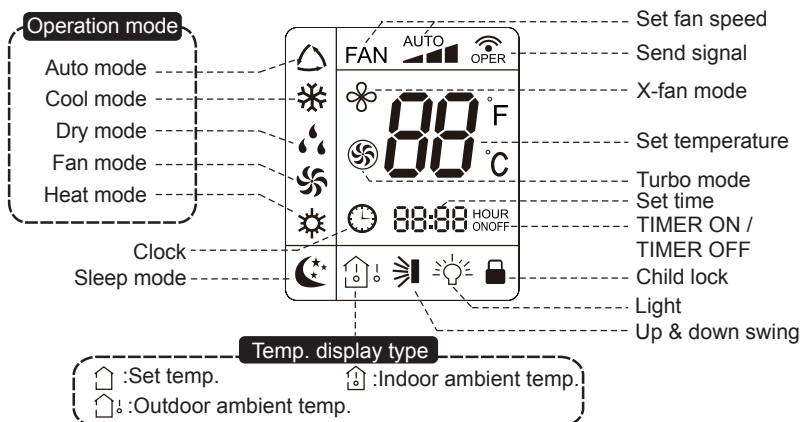
Display content or position may be different from above graphics, please refer to actual products.

Buttons on remote controller



- 1 ON/OFF button
- 2 MODE button
- 3 - button
- 4 + button
- 5 FAN button
- 6 button
- 7 CLOCK button
- 8 TIMER ON button
- 9 X-FAN button
- 10 TEMP button
- 11 TIMER OFF button
- 12 TURBO button
- 13 SLEEP button
- 14 LIGHT button

Introduction for icons on display screen



Introduction for buttons on remote controller

Note:

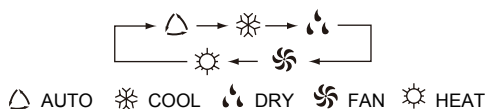
- After putting through the power, the air conditioner will give out a sound. Operation indicator "⬆" is ON (red indicator). After that, you can operate the air conditioner by using remote controller.
- Under on status, pressing the button on the remote controller, the signal icon "📶" on the display of remote controller will blink once and the air conditioner will give out a "de" sound, which means the signal has been sent to the air conditioner.
- Under off status, set temperature and clock icon will be displayed on the display of remote controller (If timer on, timer off and light functions are set, the corresponding icons will be displayed on the display of remote controller at the same time); Under on status, the display will show the corresponding set function icons.

1 ON/OFF button

Press this button, the unit will be turned on, press it once more, the unit will be turned off. When turning on or turning off the unit, the Timer, Sleep function will be canceled, but the presetting time is still remained.

2 MODE button

Press this button, Auto, Cool, Dry, Fan, Heat mode can be selected circularly. Auto mode is default while power on. Under Auto mode, the temperature will not be displayed; Under Heat mode, the initial value is 28°C(82°F); Under other modes, the initial value is 25°C(77°F).



(Only for cooling and heating unit. As for cooling only unit, it won't have any action when it receives the signal of heating operation.)

3 - button

Presetting temperature can be decreased. Press this button, the temperature can be set up, continuously press this button and hold for two seconds, the relative contents can quickly change, until unhold this button and send the order that the °C(°F) signal will be displayed all the time. The temperature adjustment is unavailable under the Auto mode, but the order can be sent by if pressing this button.

4 + button

For presetting temperature increasing. Press this button, can set up the temperature, when unit is on. Continuously press and hold this button for more than 2 seconds, the corresponding contents will be changed rapidly, until unpress the button then send the information, °C(°F) is displaying all along. In Auto mode, the temperature can not be set up, but operate this button can send the signal. Centigrade setting range: 16-30; Fahrenheit scale setting range 61-86.

Introduction for buttons on remote controller

5 FAN button

Press this button, Auto, Low, Middle, High speed can be circularly selected. After powered on, Auto fan speed is default.



Note: Under the Dry mode, the fan speed isn't adjustable, low fan speed is imperative, but when operating this button, the wireless adjustable, low fan speed is imperative.

6 button

Press this button, to set up swing angle, which circularly changes as below:



This is an universal use remote controller. If remote controller sends the following three kinds of status that the swing status of main unit will be: 



When the guide louver start to swing up and down, if turn off the Swing, the air guide louver will stop at current position.

 which indicates the guide louver swings up and down between that all five positions.

7 CLOCK button

Press this button, the clock can be set up, signal  blink and display. Within 5 seconds, the value can be adjusted by pressing + or - button, if continuously press this button for 2 seconds above, in every 0.5 seconds, the value on ten place of Minute will be increased 1. During blinking, repress the Clock button, signal  will be constantly displayed and it denotes the setting succeeded. After powered on, 12:00 is defaulted to display and signal  will be displayed. If there is signal  be displayed that denotes the current time value is Clock value, otherwise is Timer value.

8 TIMER ON button

Timer On setting: Signal "ON" will blink and display, signal  will conceal, the numerical section will become the timer on setting status. During 5 seconds blink, by pressing + or - button to adjust the time value of numerical section, every press of that button, the value will be increased or decreased 1 minute. Hold pressing + or - button, 2 seconds later, it quickly change, the way of change is: During the initial 2.5 seconds, ten numbers change in the one place of minute, then the one place is constant, ten numbers change in the tens place of minute at 2.5 seconds speed and carry. During 5s blink, press the Timer button, the timer setting succeeds. The Timer On has been set up, repress the timer On button, the Timer On will be canceled. Before setting the Timer, please adjust the Clock to the current actual time.

Introduction for buttons on remote controller

9 X-FAN button

Pressing X-FAN button in COOL or DRY mode, the icon  is displayed and the indoor fan will continue operation for 10 minutes in order to dry the indoor unit even though you have turned off the unit. After energization, X-FAN OFF is defaulted. X-FAN is not available in AUTO, FAN or HEAT mode.

10 TEMP button

- Press this button, could select displaying the indoor setting temperature or indoor ambient temperature. When the indoor unit firstly power on it will display the setting temperature, if the temperature's displaying status is changed from other status to "", displays the ambient temperature, 5s later or within 5s, it receives other remote control signal that will return to display the setting temperature. if the users haven't set up the temperature displaying status, that will display the setting temperature. (This function is applicable to partial of models)
- After powered on, the setting temperature displaying is defaulted, (according to customers requirements to display, if there is no requirement that will default to display the presetting temperature and there is no icon displayed on wireless remote control). Press this button, (When displaying ), will display presetting temperature; (when displaying ) will display indoor ambient temperature,  current displaying status will not be changed. If current displays indoor ambient temperature, if received the other remote control signal, it will display presetting temperature, 5s later, will back to display the ambient temperature. (This function is applicable to partial of models)

11 TIMER OFF button

Once press this key to enter into TIMER OFF setup, in which case the TIMER OFF icon will blink.

The method of setting is the same as for TIMER ON.

12 TURBO button

In Cool or Heat mode, press this button can turn on or turn off the Turbo function. After turned on the Turbo function, its signal will be displayed. When switching the mode or changing fan speed, this function will be canceled automatically.

13 SLEEP button

Press this button, Sleep On and Sleep Off can be selected. After powered on, Sleep Off is defaulted. After the unit is turned off, the Sleep function is canceled. After Sleep function set up, the signal of Sleep will display. In this mode, the time of timer can be adjusted. Under Fan and Auto modes, this function is not available.

Introduction for buttons on remote controller

14 LIGHT button

Press this button to select LIGHT on or off in the displayer. When the LIGHT on is set, the icon  will be displayed and the indicator light in the displayer will be on. When the LIGHT off is set, the icon  will be displayed and the indicator light in the displayer will be off.

Introduction for special function

About X-FAN function

This function indicates that moisture on evaporator of indoor unit will be blown after the unit is stopped to avoid mould.

1. Having set X-FAN function on: After turning off the unit by pressing ON/OFF button indoor fan will continue running for about 10 min. at low speed. In this period, press X-FAN button to stop indoor fan directly.
2. Having set X-FAN function off: After turning off the unit by pressing ON/OFF button, the complete unit will be off directly.

About AUTO RUN

When AUTO RUN mode is selected, the setting temperature will not be displayed on the LCD, the unit will be in accordance with the room temp. automatically to select the suitable running method and to make ambient comfortable.

About turbo function

If start this function, the unit will run at super-high fan speed to cool or heat quickly so that the ambient temp. approaches the preset temp. as soon as possible.

About Blow over heat (This function is applicable to partial of models)

When the unit is running in Heat mode or Auto Heat mode, compressor and indoor fan is running, to turn the unit off, the compressor, outdoor fan will stop running. The upper and lower guide board rotate to horizontal position, then the indoor fan will run at low fan speed, 10s later, the unit will turn off.

Introduction for special function

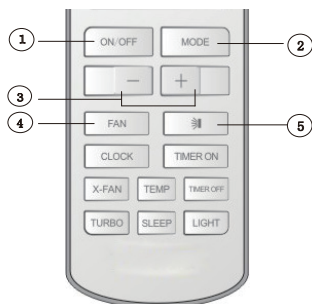
About new function of defrosting

Under switch-off state, hold MODE key for 2 seconds to enter or exit defrost H1 function. After being energized, the defrost H1 function is defaulted off. When entering defrost H1 function, the double-8 nixie tube will display H1 under switch-off state. When adjusting to heat mode, the double-8 nixie tube will display in flash for 5 seconds at a frequency of 1 count/sec. After the flash is ended, the remote controller will display the preset heating temperature. Within these 5 seconds, press of +, - or TIMER key will cancel the display H1, while the double-8 nixie tube will display the preset temperature. To switch the display of temperature between Celsius and Fahrenheit after entering defrost H1 function, the temperature value to be switched will be displayed firstly before display of H1 after 5 seconds.

Operation guide

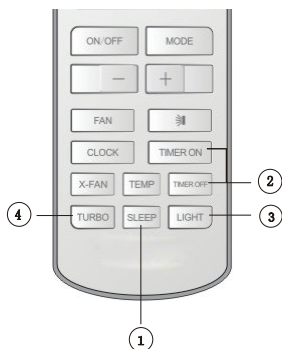
General operation

1. After powered on, press ON/OFF button, the unit will start to run. (Note: when it is powered on, the guide louver of main unit will close automatically.)
2. Press MODE button, select desired running mode.
3. Pressing + or - button, to set the desired temperature. (It is unnecessary to set the temp. at AUTO mode.)
4. Pressing FAN button, set fan speed, can select AUTO FAN, LOW, MID and HIGH.
5. Pressing  button, to select the swing.



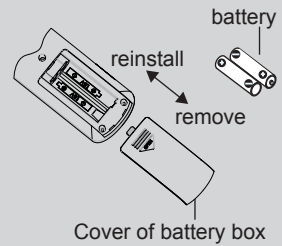
Optional operation

1. Press SLEEP button, to set sleep.
2. Press TIMER ON and TIMER OFF button, can set the scheduled timer on or timer off.
3. Press LIGHT button, to control the on and off of the displaying part of the unit (This function may be not available for some units).
4. Press TURBO button, can realize the ON and OFF of TURBO function.



Replacement of batteries in remote controller

1. Press the back side of remote controller marked with "🔋", as shown in the fig, and then push out the cover of battery box along the arrow direction.
2. Replace two 7# (AAA 1.5V) dry batteries, and make sure the position of "+" polar and "-" polar are correct.
3. Reinstall the cover of battery box.

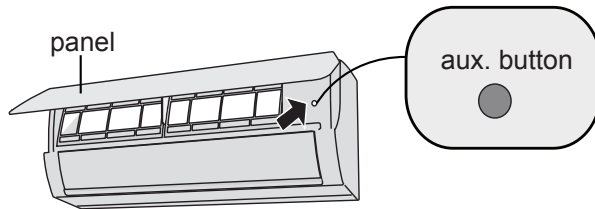


NOTICE

- During operation, point the remote control signal sender at the receiving window on indoor unit.
- The distance between signal sender and receiving window should be no more than 8m, and there should be no obstacles between them.
- Signal may be interfered easily in the room where there is fluorescent lamp or wireless telephone; remote controller should be close to indoor unit during operation.
- Replace new batteries of the same model when replacement is required.
- When you don't use remote controller for a long time, please take out the batteries.
- If the display on remote controller is fuzzy or there's no display, please replace batteries.

Emergency operation

If remote controller is lost or damaged, please use auxiliary button to turn on or turn off the air conditioner. The operation in details are as below:
As shown in the fig. Open panel, press aux. button to turn on or turn off the air conditioner. When the air conditioner is turned on, it will operate under auto mode.



WARNING:

Use insulated object to press the auto button

Clean and maintenance

WARNING

- Turn off the air conditioner and disconnect the power before cleaning the air conditioner to avoid electric shock.
- Do not wash the air conditioner with water to avoid electric shock.
- Do not use volatile liquid to clean the air conditioner.

Clean surface of indoor unit

When the surface of indoor unit is dirty, it is recommended to use a soft dry cloth or wet cloth to wipe it.

NOTICE:

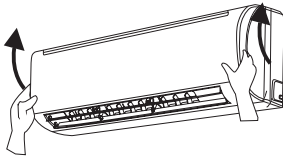
- Do not remove the panel when cleaning it.

Clean and Maintenance

Clean filter

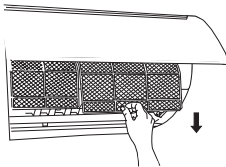
1 Open panel

Pull out the panel to a certain angle as shown in the fig.



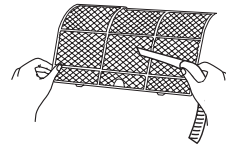
2 Remove filter

Remove the filter as indicated in the fig.



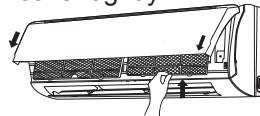
3 Clean filter

- Use dust catcher or water to clean the filter.
- When the filter is very dirty, use the water (below 45°C) to clean it, and then put it in a shady and cool place to dry.



4 Install filter

Install the filter and then close the panel cover tightly.



WARNING

- The filter should be cleaned every three months. If there is much dust in the operation environment, clean frequency can be increased.
- After removing the filter, do not touch fins to avoid injury.
- Do not use fire or hair dryer to dry the filter to avoid deformation or fire hazard.

Clean and Maintenance

NOTICE: Checking before use-season

1. Check whether air inlets are blocked.
2. Check whether air switch, plug and socket are in good condition.
3. Check whether filter is clean.
4. Check whether drainage pipe is damaged.

NOTICE: Checking after use-season

1. Disconnect power supply.
2. Clean filter and indoor unit's panel.

Notice for recovery

1. Many packing materials are recyclable materials.
Please dispose them in appropriate recycling unit.
2. If you want to dispose the air conditioner, please contact local dealer or consultant service center for the correct disposal method.

Malfunction analysis

General phenomenon analysis

Please check below items before asking for maintenance. If the malfunction still can't be eliminated, please contact local dealer or qualified professionals.

Phenomenon	Check items	Solution
Indoor unit can't receive remote controller's signal or remote controller has no action.	Whether it's interfered severely (such as static electricity, stable voltage)?	Pull out the plug. Reinsert the plug after about 3min, and then turn on the unit again.
	Whether remote controller is within the signal receiving range?	Signal receiving range is 8m.
	Whether there are obstacles?	Remove obstacles.
	Whether remote controller is pointing at the receiving window?	Select proper angle and point the remote controller at the receiving window on indoor unit.
	Is sensitivity of remote controller low; fuzzy display and no display?	Check the batteries. If the power of batteries is too low, please replace them.
	No display when operating remote controller?	Check whether remote controller appears to be damaged. If yes, replace it.
	Fluorescent lamp in room?	- Take the remote controller close to indoor unit. - Turn off the fluorescent lamp and then try it again.
No air emitted from indoor unit	Air inlet or air outlet of indoor unit is blocked?	Eliminate obstacles.
	Under heating mode, indoor temperature is reached to set temperature?	After reaching to set temperature, indoor unit will stop blowing out air.
	Heating mode is turned on just now?	In order to prevent blowing out cold air, indoor unit will be started after delaying for several minutes, which is a normal phenomenon.

Malfunction analysis

Phenomenon	Check items	Solution
Air conditioner can't operate	• Power failure?	• Wait until power recovery.
	• Is plug loose?	• Reinsert the plug.
	• Air switch trips off or fuse is burnt out?	• Ask professional to replace air switch or fuse.
	• Wiring has malfunction?	• Ask professional to replace it.
	• Unit has restarted immediately after stopping operation?	• Wait for 3min, and then turn on the unit again.
	• Whether the function setting for remote controller is correct?	• Reset the function.
Mist is emitted from indoor unit's air outlet	• Indoor temperature and humidity is high?	• Because indoor air is cooled rapidly. After a while, indoor temperature and humidity will be decrease and mist will disappear.
Set temperature can't be adjusted	• Unit is operating under auto mode?	• Temperature can't be adjusted under auto mode. Please switch the operation mode if you need to adjust temperature.
	• Your required temperature exceeds the set temperature range?	• Set temperature range: 16°C ~30°C .
Cooling (heating) effect is not good.	• Voltage is too low?	• Wait until the voltage resumes normal.
	• Filter is dirty?	• Clean the filter.
	• Set temperature is in proper range?	• Adjust temperature to proper range.
	• Door and window are open?	• Close door and window.

Malfunction analysis

Phenomenon	Check items	Solution
Odours are emitted	Whether there's odour source, such as furniture and cigarette, etc.	- Eliminate the odour source. - Clean the filter.
Air conditioner operates abnormally suddenly	Whether there's interference, such as thunder, wireless devices, etc.	Disconnect power, put back power, and then turn on the unit again.
"Water flowing" noise	Air conditioner is turned on or turned off just now?	The noise is the sound of refrigerant flowing inside the unit, which is a normal phenomenon.
Cracking noise	Air conditioner is turned on or turned off just now?	This is the sound of friction caused by expansion and/or contraction of panel or other parts due to the change of temperature.

Malfunction analysis

Error Code

- When air conditioner status is abnormal, temperature indicator on indoor unit will blink to display corresponding error code. Please refer to below list for identification of error code.

Error code	Troubleshooting
E5	It can be eliminated after restarting the unit. If not, please contact qualified professionals for service.
E8	It can be eliminated after restarting the unit. If not, please contact qualified professionals for service.
U8	It can be eliminated after restarting the unit. If not, please contact qualified professionals for service.
H6	It can be eliminated after restarting the unit. If not, please contact qualified professionals for service.
C5	Please contact qualified professionals for service.
F1	Please contact qualified professionals for service.
F2	Please contact qualified professionals for service.

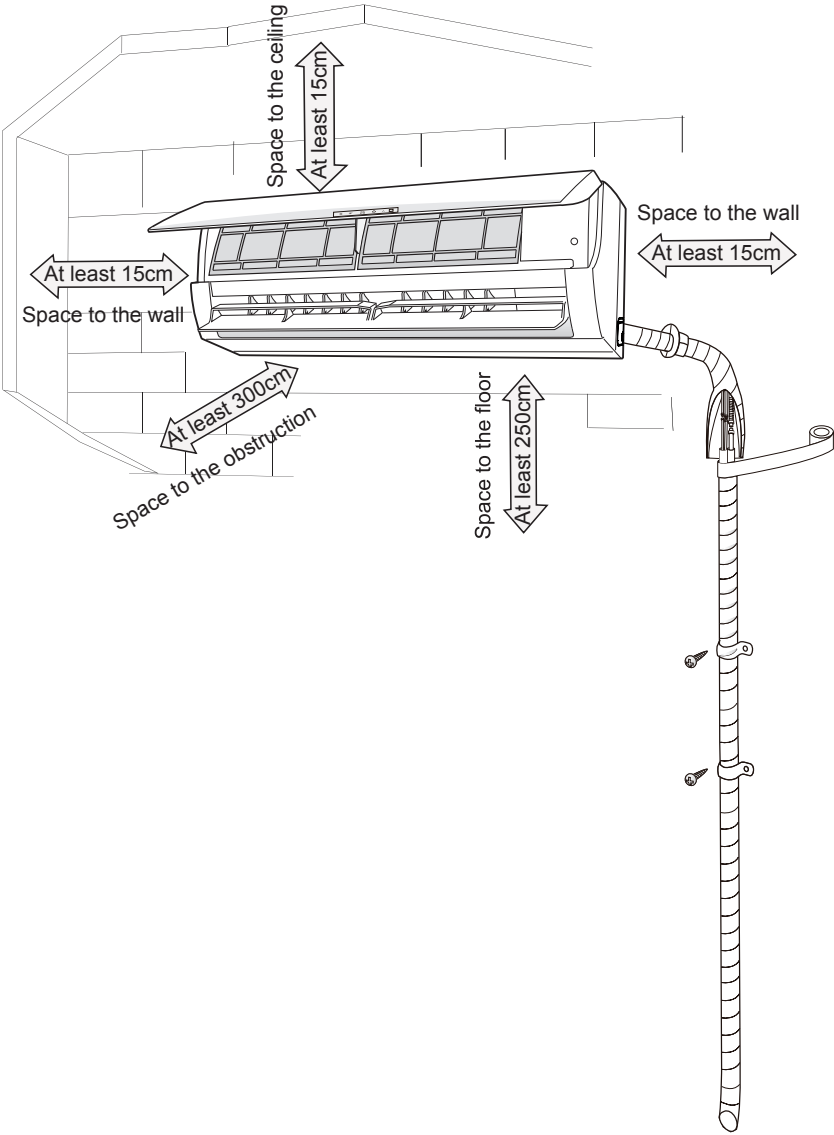
Note: If there're other error codes, please contact qualified professionals for service.



WARNING

- When below phenomenon occurs, please turn off air conditioner and disconnect power immediately, and then contact the dealer or qualified professionals for service.
 - Power cord is overheating or damaged.
 - There's abnormal sound during operation.
 - Air switch trips off frequently.
 - Air conditioner gives off burning smell.
 - Indoor unit is leaking.
- Do not repair or refit the air conditioner by yourself.
- If the air conditioner operates under abnormal conditions, it may cause malfunction, electric shock or fire hazard.

Installation dimension diagram



Tools for installation

1 Level meter	2 Screw driver	3 Impact drill
4 Drill head	5 Pipe expander	6 Torque wrench
7 Open-end wrench	8 Pipe cutter	9 Leakage detector
10 Vacuum pump	11 Pressure meter	12 Universal meter
13 Inner hexagon spanner		14 Measuring tape

Note:

- Please contact the local agent for installation.
- Don't use unqualified power cord.

Selection of installation location

Basic requirement

Installing the unit in the following places may cause malfunction. If it is unavoidable, please consult the local dealer:

1. The place with strong heat sources, vapors, flammable or explosive gas, or volatile objects spread in the air.
2. The place with high-frequency devices (such as welding machine, medical equipment).
3. The place near coast area.
4. The place with oil or fumes in the air.
5. The place with sulfured gas.
6. Other places with special circumstances.
7. The appliance shall not be installed in the laundry.

Indoor unit

1. There should be no obstruction near air inlet and air outlet.
2. Select a location where the condensation water can be dispersed easily and won't affect other people.
3. Select a location which is convenient to connect the outdoor unit and near the power socket.
4. Select a location which is out of reach for children.
5. The location should be able to withstand the weight of indoor unit and won't increase noise and vibration.
6. The appliance must be installed 2.5m above floor.
7. Don't install the indoor unit right above the electric appliance.
8. Please try your best to keep away from fluorescent lamp.

Requirements for electric connection

Safety precaution

1. Must follow the electric safety regulations when installing the unit.
2. According to the local safety regulations, use qualified power supply circuit and air switch.
3. Make sure the power supply matches with the requirement of air conditioner. Unstable power supply or incorrect wiring or malfunction. Please install proper power supply cables before using the air conditioner.
4. Properly connect the live wire, neutral wire and grounding wire of power socket.
5. Be sure to cut off the power supply before proceeding any work related to electricity and safety.
6. Do not put through the power before finishing installation.
7. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
8. The temperature of refrigerant circuit will be high, please keep the interconnection cable away from the copper tube.
9. The appliance shall be installed in accordance with national wiring regulations.

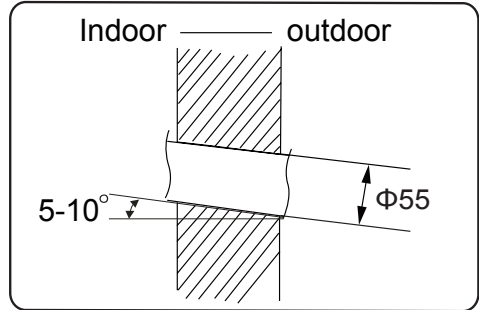
Grounding requirement

1. The air conditioner is the first class electric appliance. It must be properly grounding with specialized grounding device by a professional. Please make sure it is always grounded effectively, otherwise it may cause electric shock.
2. The yellow-green wire in air conditioner is grounding wire, which can't be used for other purposes.
3. The grounding resistance should comply with national electric safety regulations.
4. The appliance must be positioned so that the plug is accessible.
5. An all-pole disconnection switch having a contact separation of at least 3mm in all poles should be connected in fixed wiring.

Installation of indoor unit

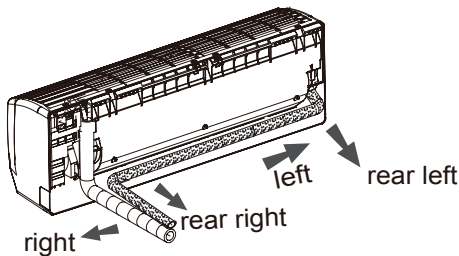
Note:

- Pay attention to dust prevention and take relevant safety measures when opening the hole.
- The plastic expansion particles are not provided and should be bought locally.

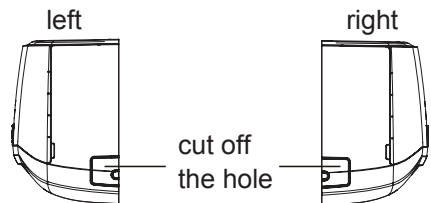


Step four: outlet pipe

1. The pipe can be led out in the direction of right, rear right, left or rear left.

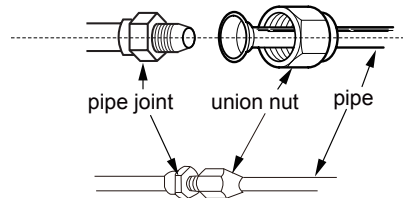


2. When select leading out the pipe from left or right, please cut off the corresponding hole on the bottom case.



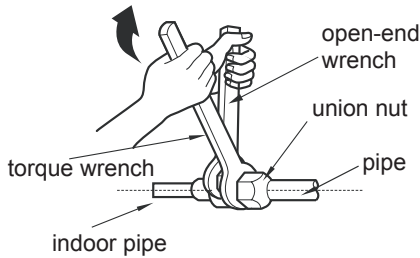
Step five: connect the pipe of indoor unit

1. Aim the pipe joint at the corresponding bellmouth.
2. Pretightening the union nut with hand.



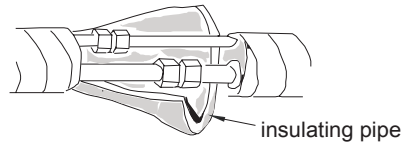
3. Adjust the torque force by referring to the following sheet. Place the open-end wrench on the pipe joint and place the torque wrench on the union nut. Tighten the union nut with torque wrench.

Installation of indoor unit



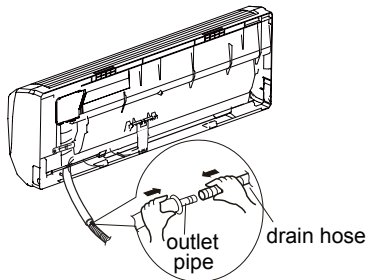
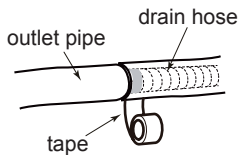
Hex nut diameter	Tightening torque (N·m)
Φ 6	15~20
Φ 9.52	30~40
Φ 12	45~55
Φ 16	60~65
Φ 19	70~75

4. Wrap the indoor pipe and joint of connection pipe with insulating pipe, and then wrap it with tape.



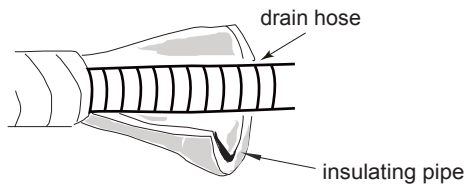
Step six: install drain hose

1. Connect the drain hose to the outlet pipe of indoor unit.
2. Bind the joint with tape.



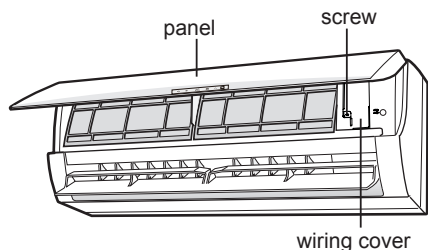
Note:

- Add insulating pipe in the indoor drain hose in order to prevent condensation.
- The plastic expansion particles are not provided.



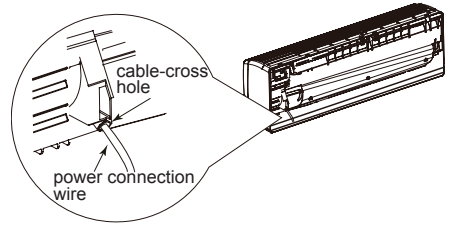
Step seven: connect wire of indoor unit

1. Open the panel, remove the screw on the wiring cover and then take down the cover.

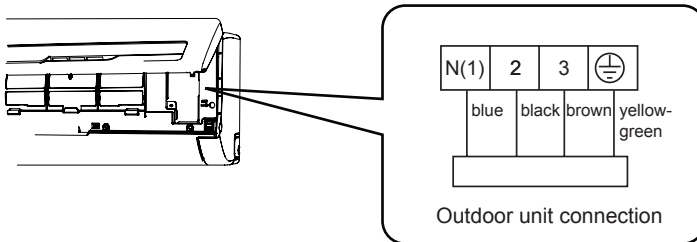


Installation of indoor unit

2. Make the power connection wire go through the cable-cross hole at the back of indoor unit and then pull it out from the front side.



3. Remove the wire clip; connect the power connection wire to the wiring terminal according to the color; tighten the screw and then fix the power connection wire with wire clip.



4. Put wiring cover back and then tighten the screw.
5. Close the panel.

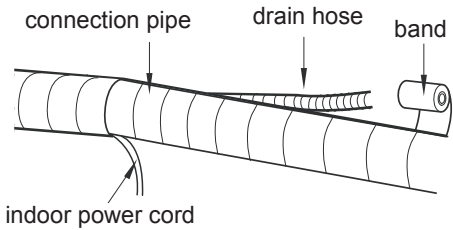
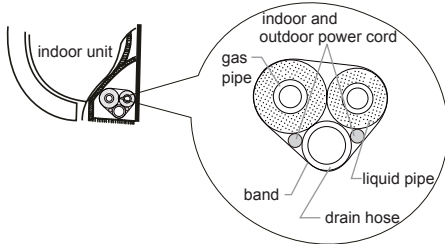
Note:

- All wires of indoor unit and outdoor unit should be connected by a professional.
- If the length of power connection wire is insufficient, please contact the supplier for a new one. Avoid extending the wire by yourself.
- For the air conditioner with plug, the plug should be reachable after finishing installation.
- For the air conditioner without plug, an air switch must be installed in the line. The air switch should be all-pole parting and the contact parting distance should be more than 3mm.

Installation of indoor unit

Step eight: bind up pipe

1. Bind up the connection pipe, power cord and drain hose with the band.



2. Reserve a certain length of drain hose and power cord for installation when binding them. When binding to a certain degree, separate the indoor power and then separate the drain hose.

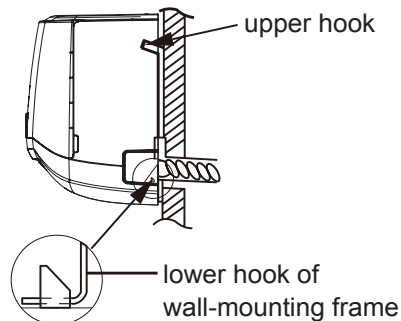
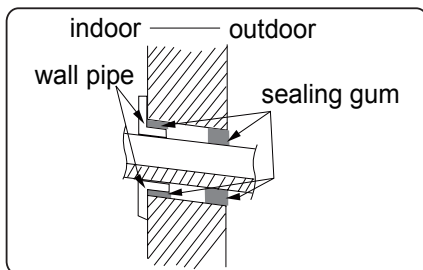
3. Bind them evenly.
4. The liquid pipe and gas pipe should be bound separately at the end.

Note:

- The power cord and control wire can't be crossed or winding.
- The drain hose should be bound at the bottom.

Step nine: hang the indoor unit

1. Put the bound pipes in the wall pipe and then make them pass through the wall hole.
2. Hang the indoor unit on the wall-mounting frame.
3. Stuff the gap between pipes and wall hole with sealing gum.
4. Fix the wall pipe.
5. Check if the indoor unit is installed firmly and closed to the wall.



Note:

- Do not bend the drain hose too excessively in order to prevent blocking.

Check after installation

- Check according to the following requirement after finishing installation.

Items to be checked	Possible malfunction
Has the unit been installed firmly?	The unit may drop, shake or emit noise.
Have you done the refrigerant leakage test?	It may cause insufficient cooling (heating) capacity.
Is heat insulation of pipeline sufficient?	It may cause condensation and water dripping.
Is water drained well?	It may cause condensation and water dripping.
Is the voltage of power supply according to the voltage marked on the nameplate?	It may cause malfunction or damaging the parts.
Is electric wiring and pipeline installed correctly?	It may cause malfunction or damaging the parts.
Is the unit grounded securely?	It may cause electric leakage.
Does the power cord follow the specification?	It may cause malfunction or damaging the parts.
Is there any obstruction in the air inlet and outlet?	It may cause insufficient cooling (heating) capacity.
The dust and sundries caused during installation are removed?	It may cause malfunction or damaging the parts.
The gas valve and liquid valve of connection pipe are open completely?	It may cause insufficient cooling (heating) capacity.

Test operation

1. Preparation of test operation

- The client approves the air conditioner.
- Specify the important notes for air conditioner to the client.

2. Method of test operation

- Put through the power, press ON/OFF button on the remote controller to start operation.
- Press MODE button to select AUTO, COOL, DRY, FAN and HEAT to check whether the operation is normal or not.
- If the ambient temperature is lower than 16°C , the air conditioner can't start cooling.

Configuration of connection pipe

1. Standard length of connection pipe
 - 5m, 7.5m, 8m.
2. Min. length of connection pipe is 3m.
3. Max. length of connection pipe and max. high difference.

Cooling capacity	Max length of connection pipe	Max height difference	Cooling capacity	Max length of connection pipe	Max height difference
5000Btu/h (1465W)	15	5	24000Btu/h (7032W)	25	10
7000Btu/h (2051W)	15	5	28000Btu/h (8204W)	30	10
9000Btu/h (2637W)	15	5	36000Btu/h (10548W)	30	20
12000Btu/h (3516W)	20	10	42000Btu/h (12306W)	30	20
18000Btu/h (5274W)	25	10	48000Btu/h (14064W)	30	20

4. The additional refrigerant oil and refrigerant charging required after prolonging connection pipe
 - After the length of connection pipe is prolonged for 10m at the basis of standard length, you should add 5ml of refrigerant oil for each additional 5m of connection pipe.
 - The calculation method of additional refrigerant charging amount (on the basis of liquid pipe):

$$\text{Additional refrigerant charging amount} = \text{prolonged length of liquid pipe} \times \text{additional refrigerant charging amount per meter}$$
 - Basing on the length of standard pipe, add refrigerant according to the requirement as shown in the table. The additional refrigerant charging amount per meter is different according to the diameter of liquid pipe. See the following sheet.

Configuration of connection pipe

Additional refrigerant charging amount for R22, R407C, R410A and R134a

Diameter of connection pipe		Outdoor unit throttle	
Liquid pipe(mm)	Gas pipe(mm)	Cooling only(g/m)	Cooling and heating(g/m)
Φ6	Φ9.52 or Φ12	15	20
Φ6 or Φ9.52	Φ16 or Φ19	15	50
Φ12	Φ19 or Φ22.2	30	120
Φ16	Φ25.4 or Φ31.8	60	120
Φ19	—	250	250
Φ22.2	—	350	350

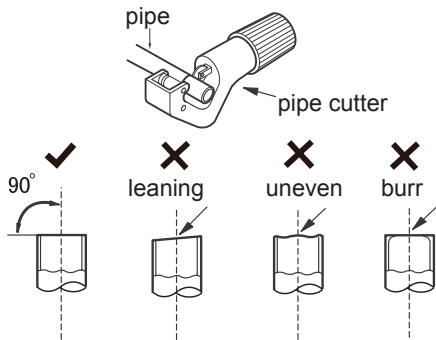
Pipe expanding method

Note:

Improper pipe expanding is the main cause of refrigerant leakage. Please expand the pipe according to the following steps:

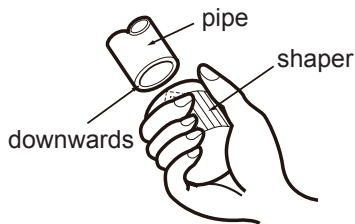
A: Cut the pipe

- Confirm the pipe length according to the distance of indoor unit and outdoor unit.
- Cut the required pipe with pipe cutter.



B: Remove the burrs

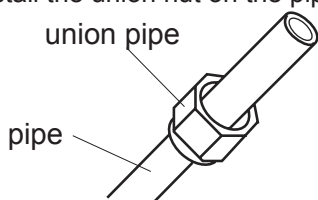
- Remove the burrs with shaper and prevent the burrs from getting into the pipe.



C: Put on suitable insulating pipe

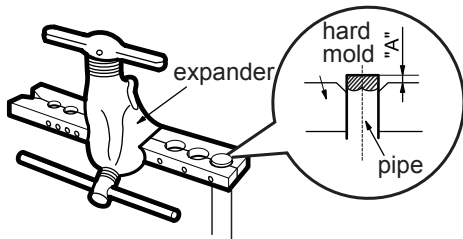
D: Put on the union nut

- Remove the union nut on the indoor connection pipe and outdoor valve; install the union nut on the pipe.



E: Expand the port

- Expand the port with expander.



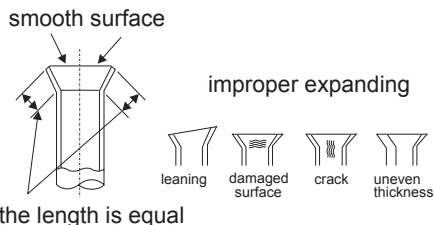
Note:

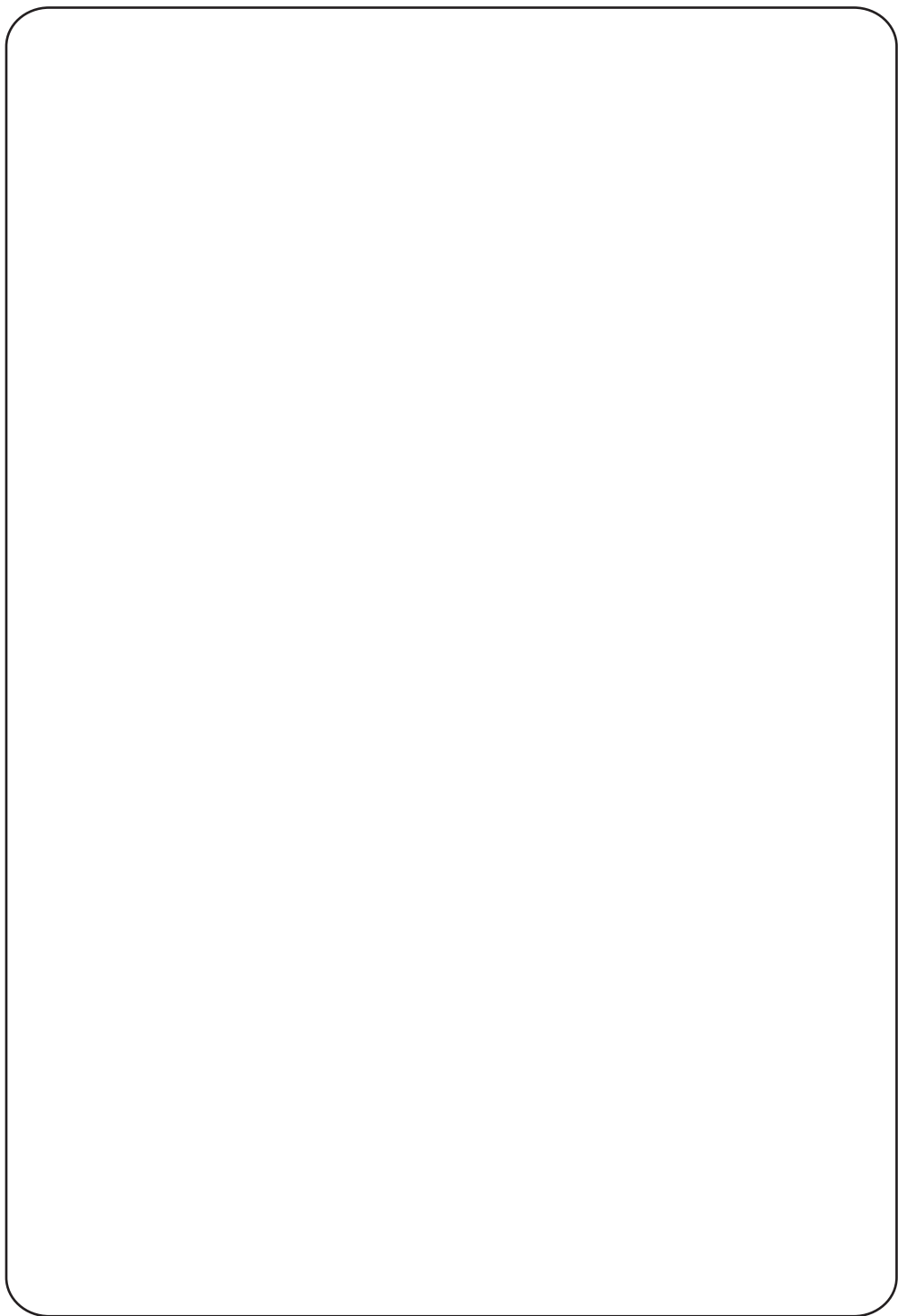
- "A" is different according to the diameter, please refer to the sheet below:

Outer diameter (mm)	A(mm)	
	Max	Min
Φ6 - 6.35(1/4")	1.3	0.7
Φ9.52(3/8")	1.6	1.0
Φ12-12.7(1/2")	1.8	1.0
Φ15.8-16(5/8")	2.4	2.2

F: Inspection

- Check the quality of expanding port. If there is any blemish, expand the port again according to the steps above.





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Αυτή η συσκευή δεν προορίζεται για χρήση από άτομα (συμπεριλαμβανομένων και των παιδιών) με μειωμένες σωματικές, αισθητηριακές ή διανοητικές ικανότητες ή από έλλειψη εμπειρίας και γνώσης, εκτός αν επιβλέπονται από άτομο υπεύθυνο για την ασφάλειά τους ή αν τους έχουν δοθεί οδηγίες σχετικά με τη χρήση της συσκευής. Πρέπει να διασφαλίζεται ότι τα παιδιά δεν παίζουν με τη συσκευή.



Αυτή η σήμανση υποδεικνύει ότι αυτό το προϊόν δεν πρέπει να απορρίπτεται μαζί με τα υπόλοιπα οικιακά απορρίμματα σε όλη την ΕΕ. Προκειμένου να αποφευχθούν ενδεχόμενες βλαβερές συνέπειες στο περιβάλλον ή την ανθρώπινη υγεία εξαιτίας της ανεξέλεγκτης διάθεσης αποβλήτων, ανακυκλώστε την συσκευή σας, ώστε να βοηθήσετε στην βιώσιμη επαναχρησιμοποίηση των υλικών. Για να επιστρέψετε την χρησιμοποιημένη συσκευή σας, αναζητήστε τα συστήματα επιστροφής και συλλογής ή επικοινωνήστε με το κατάστημα από το οποίο αγοράσατε το προϊόν. Μπορούν να λάβουν αυτό το προϊόν για ασφαλή ανακύκλωση και προστασία του περιβάλλοντος.



Λειτουργία και Συντήρηση

- Αυτή η συσκευή μπορεί να χρησιμοποιηθεί από παιδιά ηλικίας 8χρονών και άνω και από άτομα με μειωμένες σωματικές, αισθητηριακές ή διανοητικές ικανότητες ή έλλειψη εμπειρίας και γνώσης, εφόσον έχουν τύχει επίβλεψης ή εκπαίδευσης αναφορικά με τη ασφαλή χρήση της συσκευής και να κατανοούν τους κινδύνους που συνδέονται με αυτό.
- Τα παιδιά δεν πρέπει να παίζουν με τη συσκευή.
- Ο Καθαρισμός και η συντήρηση της μονάδας δεν θα πρέπει να γίνεται από παιδιά χωρίς επίβλεψη.
- Μην συνδέετε το κλιματιστικό σε προσαρμογέα (adaptor). Διαφορετικά μπορεί να προκληθεί πυρκαγιά
- Κατα τον καθαρισμό της μονάδας αποσυνδέστε την από την παροχή ρεύματος. Διαφορετικά, μπορεί να προκληθεί ηλεκτροπληξία.
- Εάν το καλώδιο τροφοδοσίας έχει υποστεί ζημιά, πρέπει να αντικατασταθεί από τον αντιπρόσωπο σέρβις ή από άλλο εξειδικευμένο πρόσωπο, προκειμένου να αποφευχθεί ο κίνδυνος.
- Μην πλένετε το κλιματιστικό με νερό για να αποφύγετε ηλεκτροπληξία.
- Μην ψεκάζετε νερό πάνω εσωτερική μονάδα. Μπορεί να προκαλέσει ηλεκτροπληξία ή δυσλειτουργία.
- Μετά την αφαίρεση του φίλτρου, μην αγγίζετε τα πτερύγια για την αποφυγή τραυματισμού.
- Μη χρησιμοποιείτε φωτιά ή πιστολάκι μαλλιών για να στεγνώσει το φίλτρο για την αποφυγή παραμορφώσεων ή τον κίνδυνο πυρκαγιάς.



ΠΡΟΕΙΔΟΠΟΙΗΣΗ

- Η συντήρηση πρέπει να εκτελείται από εξειδικευμένο επαγγελματία. Διαφορετικά, μπορεί να προκαλέσει τραυματισμούς ή ζημιά.
- Μην επισκευάζετε το κλιματιστικό μόνοι σας. Μπορεί να προκληθεί ηλεκτροπληξία ή βλάβη. Παρακαλούμε επικοινωνήστε με τον αντιπρόσωπο, όταν θα πρέπει να επιδιορθώσετε το κλιματιστικό. Μην προτάσσετε τα δάχτυλα σας ή μη πετάτε αντικείμενα μέσα στην είσοδο αέρα ή την έξοδο του αέρα. Ειδάλλως μπορεί να προκληθούν τραυματισμοί ή ζημιές.
- Μην εμποδίζετε την έξοδο ή είσοδο αέρα. Μπορεί να προκαλέσει δυσλειτουργία.
- Μην ρίχνετε νερό στο τηλεχειριστήριο, ειδάλλως το τηλεχειριστήριο θα χαλάσει
- Όταν ισχύουν κάποια από τα παρακάτω φαινόμενα, παρακαλούμε να απενεργοποιήσετε το κλιματιστικό και αποσυνδέστε την παροχή ρεύματος αμέσως, και, στη συνέχεια, επικοινωνήστε με τον αντιπρόσωπο ή εξειδικευμένους επαγγελματίες για την συντήρηση/επισκευή:
 - Το καλώδιο παροχής ρεύματος έχει υπερθερμανθεί ή έχει υποστεί ζημιά
 - Υπάρχει αφύσικος ήχος κατά τη λειτουργία.
 - Τακτικές πτώσεις τάσεις
 - Η κλιματιστική μονάδα αναδίδει μυρωδιά καμμένου
 - Η εσωτερική μονάδα έχει διαρροή
- Αν το κλιματιστικό λειτουργεί κατώ από μη φυσιολογικές συνθήκες, μπορεί να προκαλέσει δυσλειτουργία, ηλεκτροπληξία ή κίνδυνο πυρκαγιάς.
- Σε περίπτωση που χρειαστεί να ενεργοποιήσετε ή να απενεργοποιήσετε το διακόπτη εκτακτής λειτουργίας χρησιμοποιήστε κάποιο μονωτικό υλικό. Μην χρησιμοποιήσετε υλικό από μέταλλο.
- Μην πατάτε πάνω στην εξωτερική μονάδα ή μη τοποθετείτε βαριά αντικείμενα. Αυτό μπορεί να προκαλέσει βλάβη ή τραυματισμό



ΠΡΟΕΙΔΟΠΟΙΗΣΗ

Συνδεσμολογία

- Η εγκατάσταση πρέπει να εκτελείται από ειδικευμένους επαγγελματίες.
- Διαφορετικά, μπορεί να προκληθεί τραυματισμός ή βλάβη. Πρέπει να ακολουθηθούν όλες οι οδηγίες ασφαλείας που αφορούν τα ηλεκτρικά μέρη κατά την εγκατάσταση της μονάδας.
- Σύμφωνα με τις οδηγίες ασφαλείας, χρησιμοποιήστε κατάλληλο κύκλωμα παροχής ρεύματος και διακόπτη κυκλώματος.
- Σιγουρευτείτε ότι στην μονάδα έχει εγκατασταθεί ασφάλεια. Ειδικά μπορεί να προκαλέσει δυσλειτουργία.
- Ένας διακόπτης αποσύνδεσης με διαχωρισμό επαφής τουλάχιστον 3 χιλιοστά σε όλους τους πόλους πρέπει να είναι συνδεδεμένος στη σταθερή καλωδίωση.
- Η ασφάλεια θα πρέπει να έχει το σωστό μέγεθος. Ο ασφαλειοδιακόπτης να είναι εξοπλισμένος κατάλληλα έτσι ώστε να αποφεύγονται βραχυκυκλώματα.
- Το κλιματιστικό πρέπει να είναι γειωμένο. Ανακριβής γείωση μπορεί να προκαλέσει ηλεκτροπληξία.
- Μη χρησιμοποιείτε ακατάλληλη καλωδίωση.
- Βεβαιωθείτε ότι η παροχή ρεύματος αντιστοιχεί στις απαιτήσεις του κλιματιστικού. Ασταθής τροφοδοσία ή λανθασμένη καλωδίωση μπορεί να προκαλέσει δυσλειτουργία. Παρακαλώ εγκαταστήστε την κατάλληλη καλωδίωση πριν από τη χρήση του κλιματιστικού.
- Συνδέστε σωστά την πρίζα στην υποδοχή.
- Βεβαιωθείτε ότι αποσυνδέετε την μονάδα από την παροχή ρεύματος πριν προχωρήσετε σε οποιαδήποτε εργασία που σχετίζεται με την παροχή ηλεκτρικού ρεύματος και την ασφάλεια.



ΠΡΟΕΙΔΟΠΟΙΗΣΗ

- Μην ενεργοποιείτε το ρεύμα αν πρώτα δεν έχετε ολοκληρώσει την εγκατάσταση
- Εάν το καλώδιο τροφοδοσίας έχει υποστεί ζημιά, πρέπει να αντικατασταθεί από τον αντιπρόσωπο σέρβις ή από εξειδικευμένα άτομα, προς αποφυγή κινδύνου.
- Η θερμοκρασία του ψυκτικού κυκλώματος θα είναι υψηλή, παρακαλώ κρατήστε το καλώδιο διασύνδεσης μακριά από το σωλήνα χαλκού
- Η συσκευή πρέπει να εγκατασταθεί σύμφωνα με τους εθνικούς κανονισμούς καλωδίωσης
- Η εγκατάσταση πρέπει να εκτελείται μόνο από εξουσιοδοτημένο προσωπικό (σύμφωνα με τα πρότυπα NEC και CEC)
- Το κλιματιστικό είναι η πρώτης κατηγορίας ηλεκτρική συσκευή. Θα πρέπει να είναι κατάλληλα συνδεδεμένη από έναν επαγγελματία. Παρακαλώ βεβαιωθείτε ότι είναι πάντα γειωμένη αποτελεσματικά, διαφορετικά μπορεί να προκληθεί ηλεκτροπληξία.
- Το κίτρινο-πράσινο σύρμα στο κλιματιστικό είναι καλώδιο γείωσης και δεν μπορεί να χρησιμοποιηθεί για άλλους σκοπούς
- Η αντίσταση γείωσης θα πρέπει να συμμορφώνεται με τους εθνικούς κανόνες ηλεκτρικής ασφαλείας.
- Η συσκευή πρέπει να τοποθετείται έτσι ώστε η πρίζα να είναι προσβάσιμη
- Η καλωδίωση τόσο της εξωτερικής μονάδας όσο και της εσωτερικής μονάδας πρέπει να πραγματοποιηθεί από εξειδικευμένο προσωπικό
- Αν το μήκος του καλωδίου σύνδεσης δεν επαρκεί, παρακαλώ επικοινωνήστε με τον προμηθευτή για ένα νέο. Αποφύγετε την επέκταση του από μόνοι σας.



ΠΡΟΕΙΔΟΠΟΙΗΣΗ

- Για το κλιματιστικό με βύσμα, το βύσμα θα πρέπει να είναι προσβάσιμο μετά την ολοκλήρωση της εγκατάστασης.
- Για το κλιματιστικό χωρίς βύσμα, πρέπει να εγκατασταθεί στη γραμμή μια ασφαλεία λειτουργίας.
- Αν χρειαστεί να μετεγκαταστήσετε το κλιματιστικό σε άλλο μέρος, απευθυνθείτε σε εξειδικευμένο προσωπικό. Διαφορετικά, μπορεί να προκληθεί τραυματισμός ή βλάβη
- Επιλέξτε μια θέση που είναι μακριά από τα παιδιά και μακριά από τα ζώα ή τα φυτά. Αν είναι αναπόφευκτη η παρουσία, προσθέστε ένα φράχτη για ασφάλεια.
- Η εσωτερική μονάδα θα πρέπει να εγκατασταθεί στον τοίχο.

Θερμοκρασία λειτουργίας

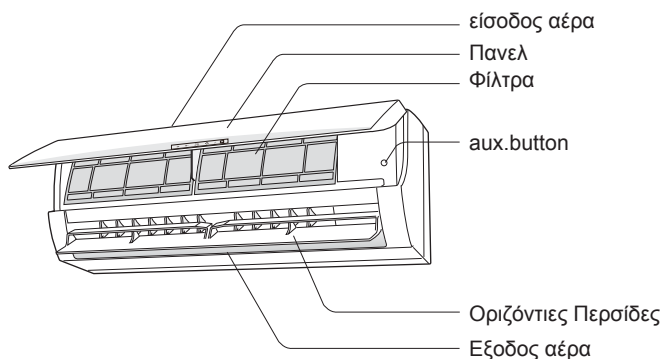
	Εσωτερική μονάδα DB / WB (° C)	Εξωτερική μονάδα DB / WB (° C)
Μέγιστη ψύξη	32/23	43/26
Μέγιστη θέρμανση	27/-	24/18

Σημείωση:

- Το εύρος λειτουργίας θερμοκρασίας (εξωτερική θερμοκρασία) για την ψύξη είναι $-15^{\circ}\text{C} \sim 43^{\circ}\text{C}$.
Το εύρος θερμοκρασίας θέρμανσης για τα μοντέλα που δεν έχουν αντίσταση προθέρμανσης συμπίεστή είναι $-15^{\circ}\text{C} \sim 24^{\circ}\text{C}$. Η θερμοκρασία θέρμανσης για τα μοντέλα που έχουν αντίσταση προθέρμανσης συμπίεστή είναι $-20^{\circ}\text{C} \sim 24^{\circ}\text{C}$.

Ονομασία εξαρτημάτων

Εσωτερική μονάδα



(Display content or position may be di



Τηλεχειριστήριο

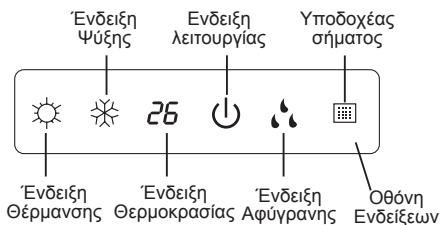
ΣΗΜΕΙΩΣΗ:

Το πραγματικό προϊόν μπορεί να είναι διαφορετικό από την παραπάνω γραφική παράσταση, ανατρέξτε στα πραγματικά προϊόντα.

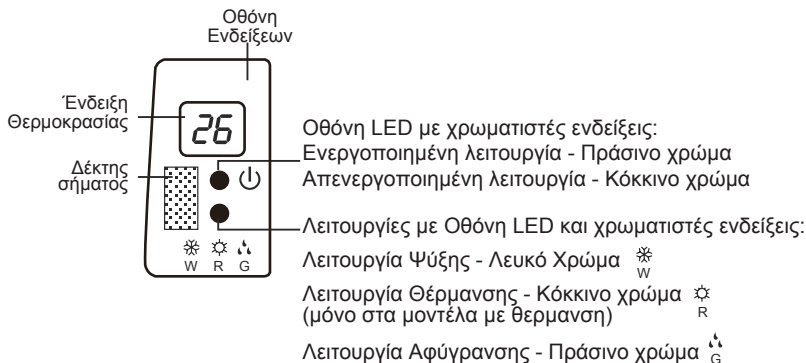
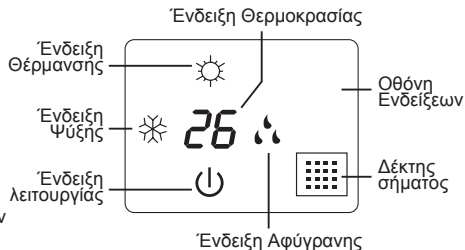
Ονομασία εξαρτημάτων

Οθόνη Ενδείξεων

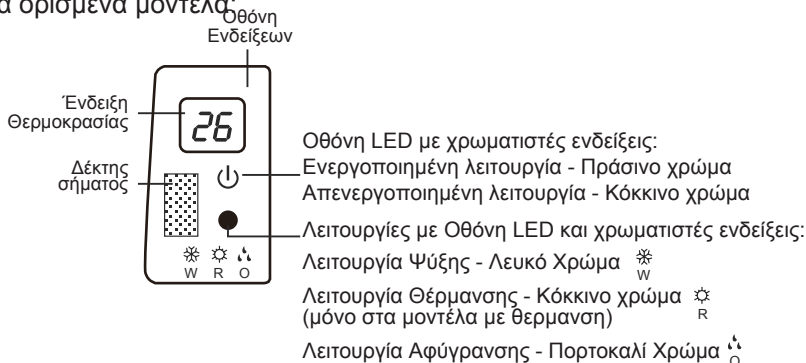
Για ορισμένα μοντέλα:



Για ορισμένα μοντέλα:



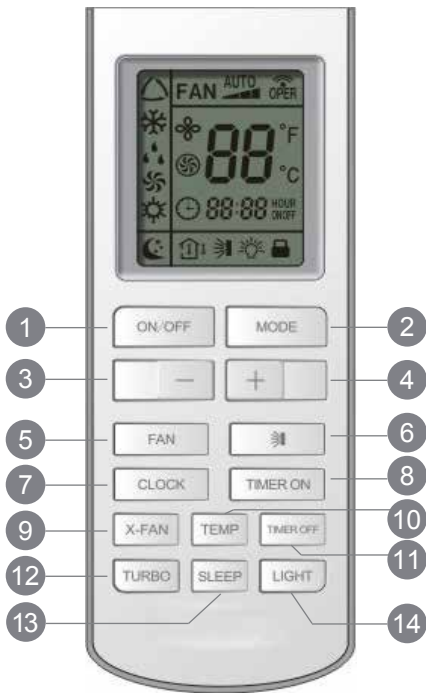
Για ορισμένα μοντέλα:



ΣΗΜΕΙΩΣΗ:

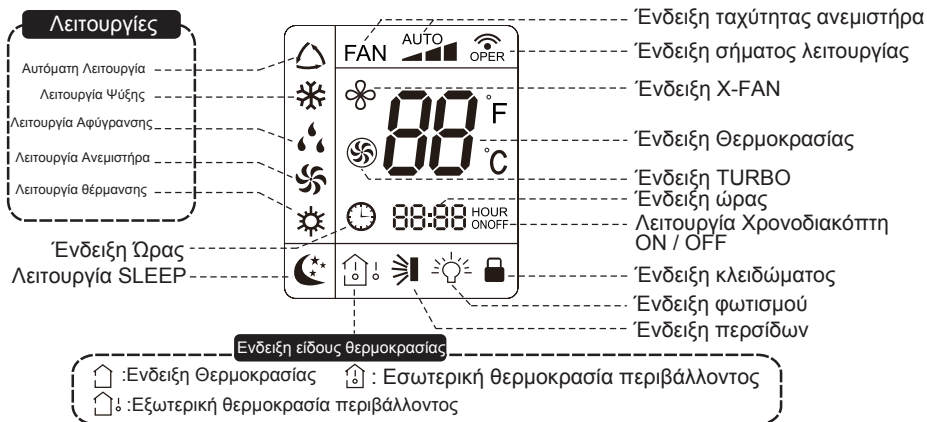
Οι παραπάνω εικόνες μπορεί να διαφέρουν από το πραγματικό προϊόν.

Κουμπιά στο τηλεχειριστήριο



- 1 Κουμπί Ενεργοποίησης / Απενεργοποίησης (ON/OFF)
- 2 Κουμπί εναλλαγής λειτουργιών (Mode)
- 3 - Κουμπί μείωσης
- 4 + Κουμπι αύξησης
- 5 Κουμπί ανεμιστήρα
- 6  Κούμπι Περίσδων
- 7 Κουμπί ρολογιού
- 8 Κουμπι Ενεργοποίησης χρονοδιακόπτη
- 9 Κουμπί λειτουργίας καθαρισμού εσωτερικής μονάδας X-FAN
- 10 Κουμπί Θερμοκρασίας
- 11 Κουμπί απενεργοποίησης χρονοδιακόπτη
- 12 Κουμπι λειτουργίας TURBO
- 13 κουμπί λειτουργίας SLEEP
- 14 κουμπί φωτισμού οθόνης

Εισαγωγή στις ενδείξεις του χειριστηρίου



Λειτουργίες πλήκτρων του χειριστηρίου

Σημείωση:

- Μόλις συνδέσετε το κλιματιστικό στο ρεύμα, θα ακουστεί ένας ήχος. Η ένδειξη λειτουργίας () είναι ενεργοποιημένη (Η ένδειξη είναι κόκκινη) Έπειτα μπορείτε να χρησιμοποιήσετε το τηλεχειριστήριο του κλιματιστικού για οποιαδήποτε λειτουργία
- Όταν το κλιματιστικό είναι ενεργοποιημένο, πατώντας το κουμπί ενεργοποίησης η ένδειξη αποστολής σήματος στην οθόνη του τηλεχειριστηρίου  θα αναβοσβήσει μια φορά και το κλιματιστικό θα κάνει ένα θορύβο, αυτό σημαίνει ότι το σήμα έχει αποσταλεί στην κλιματιστική μονάδα.
Όταν το κλιματιστικό είναι κλειστό, η ένδειξη ορισμού θερμοκρασίας και η ώρα θα εμφανίζονται στην οθόνη του τηλεχειριστηρίου (Εάν οι ενδείξεις ενεργοποίησης / απενεργοποίησης χρονοδιακοπής και ο φωτισμός είναι σεταρισμένα, θα εμφανίζονται στην οθόνη του τηλεχειριστηρίου). Κατά την λειτουργία της μονάδας, η οθόνη θα δείξει τα αντίστοιχα εικονίδια λειτουργίας.

1 Πλήκτρο ON/OFF

Πατήστε αυτό το κουμπί για να ενεργοποιήσετε ή να απενεργοποιήσετε την συσκευή. Όταν ενεργοποιείτε ή απενεργοποιήτε το κλιματιστικό, ο χρονοδιακόπτης και η λειτουργία του ύπνου θα διακοπούν ωστόσο η προεπιλογή χρόνου παραμένει ενεργή.

2 Πλήκτρο MODE

Πατήστε αυτό το κουμπί και οι λειτουργίες του κλιματιστικού επιλέγονται κυκλικά ξεκινώντας με την αυτομάτη λειτουργία (AUTO), έπειτα Ψύξη (COOL), αφύγρανση (DRY) και τέλος θέρμανση (HEAT). Όταν ενεργοποιείτε το κλιματιστικό ξεκινάει σε αυτόματη λειτουργία (AUTO). Στην αυτόματη λειτουργία η θερμοκρασία δεν εμφανίζεται στην οθόνη. Όταν το κλιματιστικό λειτουργεί στην θέρμανση η αρχική θερμοκρασία είναι 28°C(82°F). Στις υπόλοιπες λειτουργίες η αντίστοιχη θερμοκρασία είναι 25°C(77°F)



3 Πλήκτρο -

Η θερμοκρασία που αναφέρεται στην οθόνη μπορεί να μειωθεί. Πατώντας αυτό το κουμπί μπορείτε να ρυθμίσετε την θερμοκρασία, πατώντας συνέχεια για περίπου 2 δευτερόλεπτα, η θερμοκρασία αλλάζει γρήγορα. Μέχρι να αφήσετε το κουμπί η ένδειξη °C(°F) θα εμφανίζεται συνέχεια. Η προσαρμογή της θερμοκρασίας στην αυτόματη λειτουργία δεν είναι διαθέσιμη.

4 Πλήκτρο +

Η θερμοκρασία που αναφέρεται στην οθόνη μπορεί να αυξηθεί. Πατώντας αυτό το κουμπί μπορείτε να ρυθμίσετε την θερμοκρασία, πατώντας συνέχεια για περίπου 2 δευτερόλεπτα, η θερμοκρασία αλλάζει γρήγορα. Μέχρι να αφήσετε το κουμπί η ένδειξη °C(°F) θα εμφανίζεται συνέχεια. Η προσαρμογή της θερμοκρασίας στην αυτόματη λειτουργία δεν είναι διαθέσιμη. Εύρος ρύθμισης σε κλίμακα Κελσίου 16-30°C. Εύρος ρύθμισης σε κλίμακα Φαρενάιτ 61-86°F.

Λειτουργίες πλήκτρων χειριστηρίου

5 Πλήκτρο FAN

Πατήστε αυτό το κουμπί για να ρυθμίσετε την ταχύτητα λειτουργίας του ανεμιστήρα: Αυτόματη, Χαμηλή, Μεσαία, Υψηλή και επιλέγονται κυκλικά. Όταν ενεργοποιήσετε το κλιματιστικό σας η λειτουργία του ανεμιστήρα είναι στην αυτόματη ταχύτητα.



Σημείωση: Κατά την λειτουργία αφύγρανσης, ο ανεμιστήρας λειτουργεί στην χαμηλή ταχύτητα

6 Πλήκτρο

Πατώντας αυτό το κουμπί μπορείτε να επιλέξετε την γωνία που θέλετε να ορίσετε τις περισίδες διάχυσης αέρα όπως φαίνεται στο παρακάτω διάγραμμα:



Σε περίπτωση που ενώ έχετε ενεργοποιημένη την λειτουργία κίνησης περισίδων διακόψετε την λειτουργία, οι περισίδες ακινητοποιούνται στην θέση που βρίσκονται εκείνη την στιγμή.

 το οποίο δείχνει τις εναλλαγές των περισίδων επάνω και κάτω σε όλες τις θέσεις.

7 Πλήκτρο CLOCK

Πιέζοντας αυτό το κουμπί, αναβοσβήνει η ένδειξη . Πιέζοντας τα πλήκτρα αυξομείωσης μπορείτε να ρυθμίζετε την ώρα. Κρατώντας πατημένα ένα από τα δύο πλήκτρα πάνω από 2 δευτερόλεπτα η ώρα αλλάζει αρχικά κατά 1 λεπτό κάθε 0,5 δευτερόλεπτα και έπειτα κατά 10 λεπτά ανα 0,5 δευτερόλεπτα. Κατά την διάρκεια που το σύμβολο  αναβοσβήνει πιάστε ξανά το κουμπί ρύθμισης της ώρας και θα εμφανίζεται συνέχεια και αυτό σημαίνει ότι η ρύθμιση της ώρας πραγματοποιήθηκε επιτυχώς.

8 Πλήκτρο TIMER ON

Με αυτό το πλήκτρο μπορείτε να ρυθμίσετε την ώρα αυτόματης έναρξης του κλιματιστικού. Μετά το πάτημα αυτού του πλήκτρου το σύμβολο  εξαφανίζεται, η ένδειξη ON αναβοσβήνει στο τηλεχειριστήριο. Πατήστε το πλήκτρο + ή - για να ρυθμίσετε την ώρα αυτόματης έναρξης του κλιματιστικού. Μετά από κάθε πάτημα ο χρόνος θα αυξάνει ή μειώνει κατά 1 λεπτό. Πατήστε παρατεταμένα για περισσότερο από 2 δευτερόλεπτα τα πλήκτρα + ή - για να ρυθμίσετε γρηγορότερα την ώρα. Μόλις θέσετε την επιθυμητή ώρα αυτόματης έναρξης πατήστε το πλήκτρο TIMER ON για να καταχωρηθεί σαν εντολή. Η ένδειξη ON θα σταματήσει να αναβοσβήνει και το σύμβολο θα εμφανιστεί ξανά. Για να ακυρώσετε την αυτόματη έναρξη λειτουργίας του κλιματιστικού: Μόλις ξεκινήσει η λειτουργία του κλιματιστικού βάσει της ρύθμισης που έχετε κάνει, πατήστε το πλήκτρο TIMER ON για να ακυρωθεί.

Λειτουργία πλήκτρων του χειριστηρίου

9 Πλήκτρο X-FAN

Πατήστε αυτό το πλήκτρο κατά τις λειτουργίες Ψύξης ή Αφύγρανσης. Το σύμβολο  εμφανίζεται. Ο εσωτερικός ανεμιστήρας θα συνεχίσει να λειτουργεί για 10 λεπτά ώστε να στεγνώσει τον εναλλακτή της εσωτερικής μονάδας ακόμη και αν το κλιματιστικό είναι απενεργοποιημένο. Η λειτουργία X-FAN ακυρώνεται όταν ξεκινά την λειτουργία του το κλιματιστικό. Η λειτουργία X-FAN δεν είναι διαθέσιμη κατά την Αυτόματη Λειτουργία, στην λειτουργία ανεμιστήρα ή στην Θέρμανση.

10 Πλήκτρο TEMP

Πατώντας αυτό το πλήκτρο μπορείτε να δείτε την οριζόμενη θερμοκρασία ή την υφιστάμενη θερμοκρασία του χώρου. Όταν επιλέγετε () ή καμία ένδειξη τότε εμφανίζεται η οριζόμενη θερμοκρασία του χώρου. Όταν επιλέγετε () εμφανίζεται η υφιστάμενη θερμοκρασία του χώρου. Μετά από 5 δευτερόλεπτα λαμβάνει εντολή από το τηλεχειριστήριο να επαναφέρει στις ενδείξεις την ρυθμιζόμενη θερμοκρασία. Αυτό το μοντέλο δεν διαθέτει ένδειξη εξωτερικής θερμοκρασίας. Ακόμα και όταν εμφανίζεται η ένδειξη () η θερμοκρασία που μπορείτε να δείτε είναι η οριζόμενη θερμοκρασία εσωτερικού χώρου. Όταν ξεκινάτε την λειτουργία του κλιματιστικού η θερμοκρασία που βλέπετε είναι η οριζόμενη.

11 Πλήκτρο TIMER OFF

Μόλις πιάσετε αυτό το πλήκτρο ενεργοποιείται η λειτουργία παύσης του χρονοδιακόπτη, όπου το εικονίδιο TIMER OFF αναβοσβήνει. Η μέθοδος ενεργοποίησης του TIMER OFF είναι ακριβώς η ίδια με την αυτήν του TIMER ON

12 Πλήκτρο TURBO

Πατήστε αυτό το πλήκτρο για να ενεργοποιήσετε/απενεργοποιήσετε την λειτουργία Turbo. Με την λειτουργία Turbo επιτυγχάνεται πιο γρήγορα η ψύξη ή η θέρμανση στον χώρο. Όταν το ενεργοποιήσετε εμφανίζεται το αντίστοιχο εικονίδιο. Όταν αλλάζετε την λειτουργία του κλιματιστικού ή ενεργοποιείτε τον ανεμιστήρα, η λειτουργία Turbo δεν είναι πλέον διαθέσιμη και απενεργοποιείται αυτόματα.

13 Πλήκτρο SLEEP

Πατήστε αυτό το πλήκτρο για να ενεργοποιήσετε/απενεργοποιήσετε την λειτουργία SLEEP (Νυχτερινή Λειτουργία Μονάδας). Μόλις ενεργοποιηθεί η λειτουργία SLEEP, το Sleep Off είναι σεταρισμένο. Όταν η μονάδα απενεργοποιηθεί, η λειτουργία Sleep ακυρώνεται. Μόλις ορίσετε την λειτουργία Sleep on, το αντίστοιχο εικονίδιο ενεργοποιείται στην οθόνη. Σε αυτήν την λειτουργία μπορείτε να ρυθμίσετε τον χρόνο και να το προσαρμόσετε ανάλογα με τις επιθυμίες σας. Όταν το κλιματιστικό δουλεύει στον Ανεμιστήρα ή κάτω από την αυτόματη λειτουργία, η λειτουργία Sleep δεν είναι διαθέσιμη.

Λειτουργία πλήκτρων του χειριστηρίου

14 Πλήκτρο LIGHT

Πατήστε αυτό το πλήκτρο για να επιλέξετε τον φωτισμό της οθόνης. Όταν ενεργοποιηθεί τον φωτισμό, το εικονίδιο  θα εμφανιστεί και η ένδειξη φωτισμός θα ενεργοποιηθεί στην οθόνη. Όταν απενεργοποιήσετε τον φωτισμό, το εικονίδιο θα εμφανιστεί και η ένδειξη στην οθόνη  θα απενεργοποιηθεί.

Ειδικές Λειτουργίες

Λειτουργία X-FAN

Πατήστε αυτό το πλήκτρο κατά τις λειτουργίες Ψύξης ή Αφύγρανσης. Ο εσωτερικός ανεμιστήρας θα συνεχίσει να λειτουργεί για 2 ακόμη λεπτά ώστε να στεγνώσει τον εναλλακτή της εσωτερικής μονάδας ακόμη και όταν το κλιματιστικό απενεργοποιείται.

1. Η λειτουργία X-Fan ακυρώνεται όταν ξεκινά την λειτουργία του το κλιματιστικό. Η λειτουργία X-FAN (Αυτοκαθαρισμού) δεν είναι διαθέσιμη κατά την Αυτόματη λειτουργία, την λειτουργία Ανεμιστήρα και στην θέρμανση. Με αυτήν τη λειτουργία αφαιρείται η υγρασία που παραμένει στον εσωτερικό εναλλάκτη και έτσι αποτρέπεται η δημιουργία μούχλας.

2. Όταν η λειτουργία X-FAN είναι ενεργοποιημένη, τερματίζετε η λειτουργία του κλιματιστικού ο ανεμιστήρας της εσωτερικής μονάδας συνεχίζει να λειτουργεί για περίπου 10 λεπτά σε χαμηλή ταχύτητα. Αν θέλετε να σταματήσει η λειτουργία του ανεμιστήρα πιάστε το πλήκτρο X-FAN.

Κατά την απενεργοποίηση του X-FAN και εφόσον έχετε τερματίσει την λειτουργία του κλιματιστικού, ο ανεμιστήρας της εσωτερικής μονάδας σταματά αμέσως.

Λειτουργία AUTO RUN

Όταν επιλέξετε την λειτουργία Auto Run η θερμοκρασία που έχετε ορίσει δεν θα εμφανίζεται στην οθόνη, η μονάδα έχει ρυθμιστεί σύμφωνα με την θερμοκρασία δωματίου και αυτόματα επιλέγει την ιδανική λειτουργία για να δημιουργήσει το ιδανικό περιβάλλον.

Λειτουργία TURBO

Εάν ενεργοποιήσετε την κλιματιστική μονάδα σε αυτήν την λειτουργία το κλιματιστικό θα δουλέψει πάρα πολύ αποδοτικά και σε υψηλή ταχύτητα για να ψύξει ή να θερμάνει το χώρο. Η θερμοκρασία του περιβάλλοντος προσεγγίζει την επιθυμητή θερμοκρασία πάρα πολύ γρήγορα.

Λειτουργία BLOW over heat

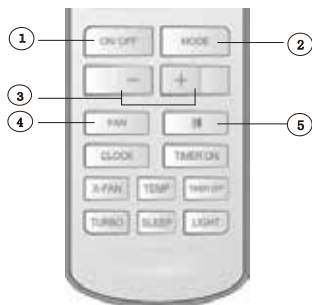
(Η λειτουργία ισχύει για συγκεκριμένα μοντέλα)

Όταν η μονάδα βρίσκεται σε λειτουργία θερμότητας ή αυτόματη λειτουργία θέρμανσης, ο συμπιεστής και ο εσωτερικός ανεμιστήρας βρίσκεται σε λειτουργία, για να απενεργοποιήσετε τη μονάδα, ο συμπιεστής και εξωτερικός ανεμιστήρας θα σταματήσουν να λειτουργούν. Οι περσίδες επιστρέφουν στην οριζόντια θέση, και ο εσωτερικός ανεμιστήρας θα λειτουργεί σε χαμηλή ταχύτητα του ανεμιστήρα, 10 δευτερόλεπτα αργότερα, η μονάδα θα σβήσει.

Οδηγός Λειτουργίας

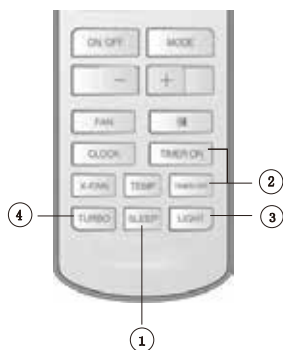
Γενική Λειτουργία

1. Για να ενεργοποιήσετε την μονάδα, πιάστε το πλήκτρο ON, η μονάδα θα ξεκινήσει την λειτουργία. Για να απενεργοποιήσετε την μονάδα πιάστε το πλήκτρο OFF.
2. Για να ενεργοποιήσετε οποιαδήποτε λειτουργία πιάστε το πλήκτρο MODE.
3. Τα πλήκτρα +/- ρυθμίζουν την επιθυμητή θερμοκρασία. Κατα την αυτόματη λειτουργία τα πλήκτρα +/- δεν είναι διαθέσιμα.
4. Ενεργοποιήστε την λειτουργία του ανεμιστήρα πρίζοντας το πλήκτρο FAN μπορείτε να ρυθμίσετε την ταχύτητα του ανεμιστήρα από αυτό το πλήκτρο, μπορείτε να επιλέξετε αυτόματο, υψηλή, μεσαία ή χαμηλή ταχύτητα
5. Πιέζοντας το πλήκτρο  μπορείτε να επιλέξετε την θέση των περσίδων



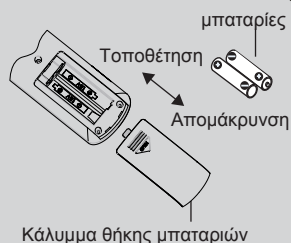
Προαιρετικές Λειτουργίες

1. Αν επιλέξετε το πλήκτρο Sleep (Νυχτερινή λειτουργία) μπορείτε να ρυθμίσετε ανάλογο την λειτουργία.
2. Επιλέγοντας την λειτουργία TIMER ON και TIMER OFF μπορείτε να ρυθμίσετε τον χρονοδιακόπτη ανάλογα με το χρόνο που επιθυμείτε να λειτουργεί το κλιματιστικό σας.
3. Για να ενεργοποιήσετε ή να απενεργοποιήσετε τον φωτισμό (LIGHT) πιάστε αυτό το πλήκτρο.
4. Εάν θέλετε να ενεργοποιήσετε την λειτουργία Turbo πιάστε αυτό το πλήκτρο.



Αντικατάσταση μπαταριών του χειριστηρίου

1. Πιέστε το πίσω μέρος του τηλεχειριστηρίου  , σύρτε προς τα κάτω όπως δείχνει το βέλος, έως ότου να βγεί το κάλυμμα της θέσης των μπαταριών.
2. Αντικαταστήστε τις δύο μπαταρίες ξηράς φόρτισης 7# (AAA 1.5V) τοποθετώντας τις στους σωστούς πόλους "+" και "-".
3. Τοποθετήστε και πάλι το κάλυμμα της θήκης των μπαταριών.

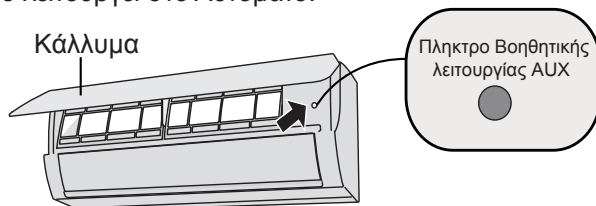


ΣΗΜΕΙΩΣΗ:

- Κατά την λειτουργία, γυρίστε τον πομπό αποστολής εντολών προς την εσωτερική μονάδα.
- Η απόσταση του τηλεχειριστηρίου από την εσωτερική μονάδα δεν θα πρέπει να είναι μεγαλύτερη των 8 μέτρων και δεν θα πρέπει να υπάρχουν εμπόδια μεταξύ τους.
- Η εκπομπή εντολής μπορεί να επηρεαστεί εύκολα όταν υπάρχουν στο χώρο λάμπες φθοροδίου ή ασύρματα τηλέφωνα. Το τηλεχειριστήριο πρέπει να βρίσκεται κοντά στην εσωτερική μονάδα κατά την διάρκεια λειτουργίας του κλιματιστικού.
- Κάντε αντικατάσταση ίδιων μπαταριών όταν αυτό απαιτείται.
- Όταν δεν χρησιμοποιείτε το κλιματιστικό για μεγάλο χρονικό διάστημα, βγάλτε τις μπαταρίες από το τηλεχειριστήριο.
- Εάν τα σύμβολα στο τηλεχειριστήριο φαίνονται θολά ή δεν φαίνονται καθόλου αντικαταστήστε τις μπαταρίες τους.

Λειτουργία Εκτακτης Ανάγκης

Σε περίπτωση που το τηλεχειριστήριο χαθεί ή καταστραφεί, μπορείτε να χρησιμοποιήσετε το βοηθητικό πλήκτρο για να ενεργοποιήσετε και να απενεργοποιήσετε το κλιματιστικό. Ανοίξτε με προσοχή την πρόσοψη, πατήστε το βοηθητικό πλήκτρο aux για να ενεργοποιήσετε ή να απενεργοποιήσετε το κλιματιστικό. Όταν ενεργοποιήσετε το κλιματιστικό κατά αυτό τον τρόπο λειτουργεί στο Αυτόματο.



ΠΡΟΣΟΧΗ:

Χρησιμοποιήστε υλικό μονωμένο για να πατήσετε αυτό το πλήκτρο

Καθαρισμός & Συντήρηση



ΠΡΟΣΟΧΗ

- Απενεργοποιήστε το κλιματιστικό και αποσυνδέστε το από την παροχή ρεύματος για την αποφυγή ηλεκτροπληξίας.
- Μη πλένετε το κλιματιστικό με νερό - Κίνδυνος Ηλεκτροπληξίας
- Μη χρησιμοποιείτε διαβρωτικό υγρό για τον καθαρισμό του κλιματιστικού.

Καθαρισμός της πρόσοψης της εσωτερικής μονάδας

Για να καθαρίσετε την πρόσοψη της εσωτερικής μονάδας μπορείτε να χρησιμοποιήσετε ένα ελαφρώς νωπό πανί.

Σημείωση: Μην αφαιρείτε την πρόσοψη από την εσωτερική μονάδα προκειμένου να την καθαρίσετε

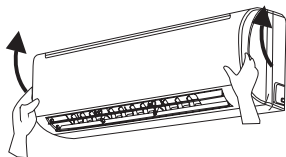
Καθαρισμός και συντήρηση

Καθαρισμός των φίλτρων

1

Ανοίξτε την πρόσοψη

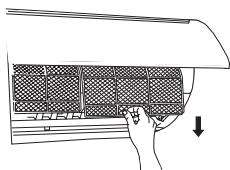
Τραβήξτε προς τα πάνω όπως δείχνει η εικόνα. Ανεβάστε την πρόσοψη σε συγκεκριμένη γωνία



2

Αφαίρεση φίλτρου

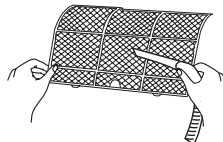
Αφαιρέστε το φίλτρο όπως παρακάτω.



3

Καθαρισμός φίλτρων

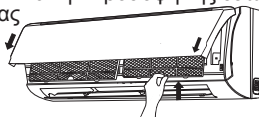
- Χρησιμοποιήστε ειδικό πανί συλλογής σκόνης, ηλεκτρική σκούπα ή καθαρίστε το με νερό (οχι παραπάνω από 45°C)
- Όταν το φίλτρο είναι πολύ βρώμικο συνιστάται ο καθαρισμός του να γίνεται με νερό. Εάν επιλέξετε να καθαρίσετε το φίλτρο με νερό, αφήστε το να στεγνώσει πάρα πολύ καλά. Προτιμήστε να τοποθετήσετε το φίλτρο για να στεγνώσει σε σκιερό μέρος. Βεβαιωθείτε κατά την επανατοποθέτηση του φίλτρου ότι έχει στεγνώσει πάρα πολύ καλά.



4

Επανατοποθέτηση Φίλτρου

Επανατοποθετήστε το φίλτρο όπως φαίνεται στην παρακάτω εικόνα. Έπειτα κλείστε προσεκτικά την πρόσοψη της εσωτερικής μονάδας



ΠΡΟΣΟΧΗ

- Το φίλτρο της εσωτερικής μονάδας θα πρέπει να καθαρίζεται τουλάχιστον ανα 3 μήνες. Σε περίπτωση που το περιβάλλον που λειτουργεί το κλιματιστικό είναι επιβαρυνμένο με σκόνη ή ρύπους συνιστάται ο πιο συχνός καθαρισμός.

Μην αγγίζετε τον εσωτερικό εναλλάκτη και τα μεταλλικά στοιχεία της εσωτερικής μονάδας προς αποφυγή τραυματισμού.

Μην χρησιμοποιείτε φωτιά ή πιστολάκι μαλλιών για να στεγνώσετε τα φίλτρα. Σοβαρός κίνδυνος παραμόρφωσης των φίλτρων, εκδήλωσης πυρκαγιάς ή άλλων τραυματισμών.

Σημείωση: Έλεγχος πριν την εποχιακή χρήση

1. Ελέγξτε εάν οι είσοδοι και έξοδοι αέρα του κλιματιστικού δεν εμποδίζονται.
2. Ελέγξτε αν το φιν και η πρίζα βρίσκονται σε καλή κατάσταση.
3. Ελέγξτε εάν τα φίλτρα είναι καθαρά.
4. Ελέγξτε εάν τα στηρίγματα βάσης της εξωτερικής μονάδας έχουν καταστραφεί ή διαβρωθεί. Σε αυτή την περίπτωση καλέστε άμεσα το εξουσιοδοτημένο service.
5. Ελέγξτε εάν ο σωλήνας αποστράγγισης έχει πάθει ζήμια. Σε αυτήν την περίπτωση καλέστε άμεσα το εξουσιοδοτημένο service.

Σημείωση: έλεγχος μετά την εποχιακή χρήση

1. Αποσυνδέστε την μονάδα από την παροχή του ρεύματος
2. Καθαρίστε τα φίλτρα και την πρόσοψη της εσωτερική μονάδας

Σημείωση για την ανακύκλωση της μονάδας

1. Πολλά από τα υλικά συσκευασίας είναι ανακυκλώσιμα. Παρακαλούμε απορρίψτε τα υλικά συσκευασίας με τρόπο ασφαλή για το περιβάλλον.
2. Σε περίπτωση που θελήσετε να απορρίψετε το παλιό σας κλιματιστικό, απευθυνθείτε στις τοπικές αρχές προκειμένου να παραδοθεί σε ειδικό κέντρο περισυλλογής και ανακύκλωσης ηλεκτρονικών και ηλεκτρολογικών εξαρτημάτων και εξοπλισμού.

Οδηγός επίλυσης δυσλειτουργιών

General phenomenon analysis

Please check below items before asking for maintenance. If the malfunction still can't be eliminated, please contact local dealer or qualified professionals.

Φαινόμενο	Ελεγχος κατάστασης	Επίλυση
Η εσωτερική μονάδα δεν λαμβάνει τις εντολές του τηλεχειριστηρίου ή το τηλεχειριστήριο δεν έχει καμία αντίδραση	Υπάρχει σημαντική παρεμβολή (από στατικό ηλεκτρισμό, σταθερή τάση)	Τερματίστε τη λειτουργία του κλιματιστικού σας, διακόψτε την παροχή ρεύματος - βγάζοντας την πρίζα. Περιμένετε 3 λεπτά. Έπειτα ξανατοποθετήστε την πρίζα και ενεργοποιήστε το κλιματιστικό.
	Το τηλεχειριστήριο βρίσκεται εκτός εμβέλειας	Η εμβέλεια για την ικανότητα λήψης εντολών είναι έως 8 μέτρα από την εσωτερική μονάδα.
	Υπάρχουν εμπόδια	Απομακρύνετε τα εμπόδια
	Ο πομπός των εντολών του τηλεχειριστηρίου βλέπει τον αισθητήρα λήψης εντολών της εσωτερικής μονάδας	Επιλέξτε τη σωστή γωνία όπου ο πομπός εντολών του τηλεχειριστηρίου βλέπει τον αισθητήρα λήψης εντολών της εσωτερικής μονάδας
	Υπάρχει μεγάλη ευαισθησία όπως θολές εικόνες ή καθόλου ενδείξεις στο τηλεχειριστήριο	Ελέγξτε τις μπαταρίες. Εάν η ισχύς τους είναι χαμηλή αντικαταστήστε τις
	Δεν υπάρχουν ενδείξεις στο τηλεχειριστήριο	Ελέγξτε το τηλεχειριστήριο παρουσιάζει κάποια ζημιά. Εάν ναι αντικαταστήστε το.
Δεν βγαίνει αέρας από την εσωτερική μονάδα	Υπάρχει λάμπα φθορίου στο χώρο που λειτουργεί το κλιματιστικό	• Λειτουργίστε το τηλεχειριστήριο πιο κοντά στην εσωτερική μονάδα. • Σβήστε την λάμπα φθορίου και δοκιμάστε ξανά
	Οι αεραγωγοί εισόδου ή εξόδου είναι μπλοκαρισμένοι	Απομακρύνετε τα εμπόδια
	Κατά την λειτουργία θέρμανσης, η εσωτερική θερμοκρασία του χώρου έφτασε την θερμοκρασία της ρύθμισης	Μόλις επιτευχθεί η θερμοκρασία ρύθμισης, σταματά να βγαίνει αέρας από την εσωτερική μονάδα
	Η λειτουργίας της θέρμανσης μόλις ενεργοποιήθηκε	Για να μη βγει παγωμένος αέρας, η εσωτερική μονάδα ξεκινά την λειτουργία θέρμανσης με μια μικρή καθυστέρηση έως ότου ζεσταθεί το εσωτερικό στοιχείο. Είναι φυσιολογική λειτουργία

Οδηγός επίλυσης δυσλειτουργιών

Φαινόμενο	Ελεγχος κατάστασης	Επίλυση
Το κλιματιστικό δεν λειτουργεί	Διακοπή ρεύματος	Περιμένετε έως ότου επανέλθει το ρεύμα
	Το φιλτράκι έχει μπει χαλαρά στην πρίζα	Επανατοποθετήστε την πρίζα
	Η ασφάλεια ή ο ασφαλειοδιακοπτής δεν λειτουργούν	Ζητήστε από εξειδικευμένο τεχνικό να αντικαταστήσει τον ασφαλειοδιακοπτή ή την ασφάλεια
	Το καλώδιο τροφοδοσίας έχει πρόβλημα	Ζητήστε από εξειδικευμένο τεχνικό να αντικαταστήσει το καλώδιο
	Το κλιματιστικό ξεκίνησε να λειτουργεί ξανα αμέσως μόλις τερματίσατε την λειτουργία του	Περιμένετε για 3 λεπτά και μετά ξεκινήστε πάλι την λειτουργία του
	Η ρύθμιση από το τηλεχειριστήριο είναι λάθος	Αλλάξτε την ρύθμιση του τηλεχειριστηρίου
Βγαίνει λευκό νέφος αέρα μέσα από την εσωτερική μονάδα	Η εσωτερική θερμοκρασία και η υγρασία βρίσκονται σε υψηλά επίπεδα	Ο αέρας από την εσωτερική μονάδα παγώνει γρήγορα μετά από λίγο η θερμοκρασία και το επίπεδο υγρασίας πέφτει και το λευκό νέφος αέρα εξαφανίζεται
Δεν μπορείτε να ρυθμίσετε την επιθυμητή θερμοκρασία	Το κλιματιστικό λειτουργεί στην αυτόματη λειτουργία (AUTO MODE)	Η θερμοκρασία δεν μπορεί να αλλάξει κατά την λειτουργία AUTO. Εάν θέλετε να αλλάξετε την θερμοκρασία θα πρέπει να αλλάξετε την λειτουργία.
	Η επιθυμητή θερμοκρασία ξεπερνά το μέγιστο εύρος ρύθμισης της θερμοκρασίας	Το εύρος ρύθμισης θερμοκρασίας είναι 16°C ~30°C
Απόδοση Ψύξης ή θέρμανσης μη αποδοτική / μη ικανοποιητική	Η τάση είναι πολύ χαμηλή;	Περιμένετε μέχρι να αποκατασταθεί η τάση σε φυσιολογικά επίπεδα
	Τα φίλτρα είναι βρώμικα;	Καθαρίστε τα φίλτρα
	Η επιθυμητή θερμοκρασία βρίσκεται εντός εύρους θερμοκρασίας;	Προσαρμόστε την επιθυμητή θερμοκρασία εντός εύρους
	Πόρτες ή παράθυρα είναι ανοικτά;	Κλείστε τις πόρτες ή τα παράθυρα

Οδηγός επίλυσης δυσλειτουργιών

Φαινόμενο	Ελεγχος κατάστασης	Επίλυση
Βγαίνει μυρωδιά από το κλιματιστικό	Υπάρχει πηγή οσμών από τα επιπλά, ή τσιγάρα κλπ.	• Εξαλείψτε τις πηγές οσμών • Καθαρίστε τα φίλτρα
Το κλιματιστικό ξεκίνησε ξαφνικά να λειτουργεί	Υπάρχει παρεμβολή όπως κεραυνός ή ασύρματες συσκευές κλπ.	Αποσυνδέστε από την παροχή ρεύματος του κλιματιστικού. Συνδέστε ξανά και λειτουργήστε εκ νέου το κλιματιστικό.
Ακούγεται θόρυβος ροής νερού στην εσωτερική μονάδα	Μόλις ξεκινήσατε ή μόλις τερματίσατε την λειτουργία του κλιματιστικού	Ο ήχος προέρχεται από την ροή του ψυκτικού υγρού μέσα στην εσωτερική μονάδα. Είναι φυσιολογική λειτουργία
Θορυβος σπασίματος	Μόλις ενεργοποιήσατε ή απενεργοποιήσατε την λειτουργία του κλιματιστικού	Λόγω αλλαγής της θερμοκρασίας τα πλαστικά ή άλλα μέρη του κλιματιστικού συστέλλονται ή διαστέλλονται με αποτέλεσμα να ακούγεται θόρυβος σαν σπάσιμο

Οδηγός επίλυσης δυσλειτουργιών

Κωδικοί βλάβης

- Όταν προκύπτει κάποια βλάβη, η ένδειξη θερμοκρασίας ή η εσωτερική μονάδα θα αναβοσβήνει και θα εμφανιστεί κωδικός βλάβης. Παρακάτω υπάρχει ο πίνακας όπου μπορείτε να συμβουλευτείτε τις αντίστοιχες ενδείξεις βλαβών

Κωδικός Βλάβης	Πιθανή διαδικασία επίλυσης
E5	Μπορεί να σβήσει αμέσως μόλις κάνετε επανεκκίνηση λειτουργίας του κλιματιστικού. Σε διαφορετική περίπτωση, παρακαλούμε επικοινωνήστε με το εξουσιοδοτημένο σερβις.
E8	Μπορεί να σβήσει αμέσως μόλις κάνετε επανεκκίνηση λειτουργίας του κλιματιστικού. Σε διαφορετική περίπτωση, παρακαλούμε επικοινωνήστε με το εξουσιοδοτημένο σερβις.
U8	Μπορεί να σβήσει αμέσως μόλις κάνετε επανεκκίνηση λειτουργίας του κλιματιστικού. Σε διαφορετική περίπτωση, παρακαλούμε επικοινωνήστε με το εξουσιοδοτημένο σερβις.
H6	Μπορεί να σβήσει αμέσως μόλις κάνετε επανεκκίνηση λειτουργίας του κλιματιστικού. Σε διαφορετική περίπτωση, παρακαλούμε επικοινωνήστε με το εξουσιοδοτημένο σερβις.
C5	Παρακαλούμε επικοινωνήστε με το εξουσιοδοτημένο σερβις
F1	Παρακαλούμε επικοινωνήστε με το εξουσιοδοτημένο σερβις
F2	Παρακαλούμε επικοινωνήστε με το εξουσιοδοτημένο σερβις

Σημείωση: Σε περίπτωση που εμφανιστεί κάποιος άλλος κωδικός, παρακαλούμε επικοινωνήστε με το εξουσιοδοτημένο σέρβις.



ΠΡΟΣΟΧΗ

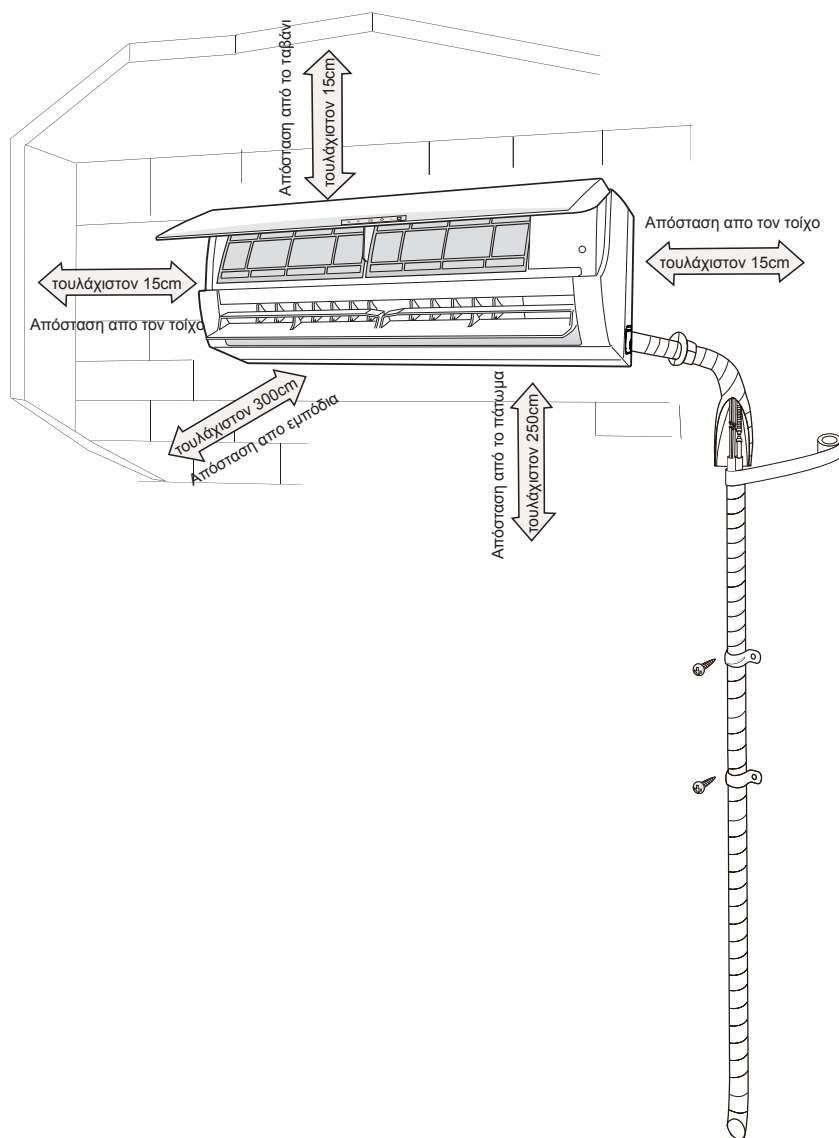
Σε περίπτωση που εμφανιστούν τα κάτωθι φαινόμενα, παρακαλούμε τερματίστε την λειτουργία του κλιματιστικού και βγάλτε το φισ από την πρίζα αμέσως. Στην συνέχεια επικοινωνήστε με το εξουσιοδοτημένο σερβις για την επισκευή της βλάβης.

- Το καλωδίο παροχής ρεύματος έχει υπερθερμανθεί ή καταστραφεί
- Υπάρχει ασυνήθιστος ήχος κατά την λειτουργία
- Ο ασφαλειοδιακόπτης πέφτει συχνά
- Μυρωδιά καμμένου βγαίνει από το κλιματιστικό
- Υπάρχει διαρροή από την εσωτερική μονάδα

Μην επισκευάζετε ή επανατοποθετείτε μόνοι σας το κλιματιστικό

Σε περίπτωση που το κλιματιστικό λειτουργεί κάτω από ασυνήθιστες συνθήκες μπορεί να προκληθεί βλάβη, ηλεκτροπληξία, φωτιά ή τραυματισμός

Διάγραμμα προτεινόμενης τοποθέτησης



Εργαλεία για την εγκατάσταση

1 Αλφάδι	2 Κατσαβίδι	3 Κρουστικό Δράπανο
4 Κεφαλή τρυπανιού	5 Εκχυλωτή χαλκοσωλήνα	6 Δυναμόκλειδο
7 Κλειδί τύπου Άλεν	8 Κόφτη σωλήνα	9 Ανιχνευτή διαρροής
10 Αντλία κενού	11 Μετρητής Πίεσης	12 Μέτρο
13 Εσωτερικό εξάγωνο κλειδί		14 Ταινία μετρήματος

Σημείωση:

- Παρακαλούμε καλέστε το εξουσιοδοτημένο σέρβις ή πιστοποιημένο τεχνικό για την εγκατάσταση του κλιματιστικού σας
- Μην χρησιμοποιείτε ακατάλληλο καλώδιο παροχής ρεύματος

Επίλογό θέσης για την εγκατάσταση

Βασικές προϋποθέσεις

Η εγκατάσταση του κλιματιστικού στα κάτωθι μέρη μπορεί να προκαλέσει δυσλειτουργίες.

Σε περίπτωση που δεν υπάρχει άλλη εναλλακτική παρακαλούμε συμβουλευτείτε το σημείο πώλησης ή την αντιπροσωπεία

1. Μέρη με δυνατή εστία θερμότητας ή ατμού ή εύφλεκτων αερίων ή συνδιασμό των παραπάνω.
2. Μέρη με υψηλή συχνότητα ηλεκτρομαγνητικών κυμάτων όπως ραδιόφωνα, ιατρικά μηχανήματα κλπ.
3. Παράκτιες περιοχές.
4. Μέρη όπου υπάρχουν λάδια ή βιομηχανικά αέρια.
5. Μέρη όπου υπάρχει θειικό αέριο
6. Άλλα μέρη όπου επικρατούν ιδιαίτερες συνθήκες.
7. Η εσωτερική μονάδα δεν πρέπει να εγκαθιστάται μέσα στο μπάνιο.

Εσωτερική μονάδα

Προσέξτε να μην εμποδίζεται η είσοδος ή εξόδος του αέρα κατά την λειτουργία της συσκευής.

2. Επιλέξτε ένα σημείο όπου μπορεί εύκολα να πραγματοποιείται η αποστράγγιση των συμπυκνωμάτων.
3. Επιλέξτε ένα σημείο βολικό για τη σύνδεση της εξωτερικής μονάδας σε πρίζα.
4. Επιλέξτε ένα σημείο όπου τα παιδιά δεν έχουν πρόσβαση.
5. Επιλέξτε ένα σημείο όπου μπορεί να αντέχει το βάρος της εσωτερικής μονάδας και δεν θα αυξάνει το επίπεδο θορύβου και τις δονήσεις.
6. Η συσκευή πρέπει να εγκατασταθεί σε ένα σημείο 2,5 μέτρα από το πάτωμα.
7. Μην εγκαταστήσετε την μονάδα πάνω από οποιαδήποτε ηλεκτρική συσκευή.
8. Για την καλύτερη λειτουργία αποφύγετε εντελώς χώρους όπου υφίστανται λαμπτήρες φθορίου

Απαιτήσεις για την ηλεκτρική σύνδεση

Οδηγίες Ασφάλειας

1. Πρέπει να ακολουθούνται πιστά όλοι οι κανόνες που διέπουν τους τοπικούς κανονισμούς κατα την εγκατάσταση.
2. Σύμφωνα με τους τοπικούς κανονισμούς, χρησιμοποιήστε κατάλληλο κύκλωμα παροχής ρεύματος και ασφαλειοδιακόπτη.
3. Βεβαιωθείτε πως η παροχή ρεύματος συνάδει με τις απαιτήσεις του κλιματισμού.
4. Συνδέστε σωστά το καλώδιο της φάσης, του ουδέτερου και το καλώδιο γείωσης στην πρίζα.
5. Βεβαιωθείτε πως έχετε διακόψει την παροχή ρεύματος πριν προχωρήσετε σε οποιαδήποτε εργασία έχει να κάνει με το ρεύμα και την ασφάλεια.
6. Μην επαναφέρετε την παροχή ρεύματος πριν τελειώσετε την εγκατάσταση.
7. Σε περίπτωση που το καλώδιο παροχής ρεύματος είναι κατεστραμμένο πρέπει να αντικατασταθεί μόνο από εξειδικευμένο τεχνικό ώστε να αποφευχθεί πιθανός τραυματισμός.
8. Η θερμοκρασία του ψυκτικού κυκλώματος θα είναι υψηλή. Κρατήστε το καλώδιο μακριά από τους ψυκτικούς σωλήνες χαλκού.
9. Η συσκευή πρέπει να εγκατασταθεί με βάση τους διεθνείς κανονισμούς καλωδίωσης.

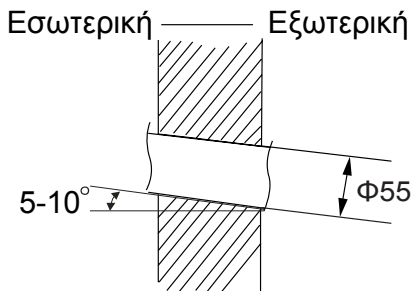
Απαιτήσεις Γείωσης

1. Το κλιματιστικό σας είναι ηλεκτρική συσκευή πρώτης κλάσης. Πρέπει να υπάρχει κατάλληλη γείωση, με ειδική συσκευή γείωσης από εξειδικευμένο τεχνικό. Βεβαιωθείτε πως η γείωση είναι πάντα αποτελεσματική. Σε διαφορετική περίπτωση μπορεί να προκληθεί ηλεκτροπληξία.
2. Το καλώδιο της γείωσης στο κλιματιστικό είναι κίτρινο-πράσινο και δεν μπορεί να χρησιμοποιηθεί για άλλο σκοπό.
3. Η αντίσταση γείωσης πρέπει να είναι σύμφωνη με τους εθνικούς κανονισμούς ασφαλείας ηλεκτρικών εγκαταστάσεων.
4. Η συσκευή πρέπει να τοποθετηθεί σε μέρος όπως η πρίζα να είναι προσβάσιμη.
5. Ένας διακόπτης αποκοπής πρέπει να εγκατασταθεί με 3 χιλιοστά άνοιγμα επαφής σε όλους του πόλους.

Εγκατάσταση εσωτερικής μονάδας

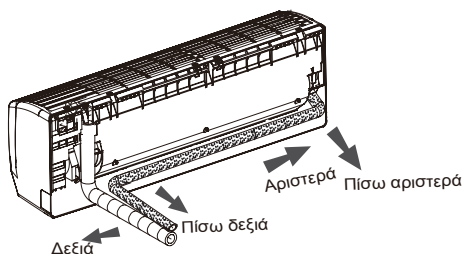
Σημείωση

- Όταν ανοίγετε τις τρύπες προσέξτε ώστε να μην μείνει μέσα στους σκόνες και λάβετε μέτρα ασφαλείας κατά το άνοιγμα των οπών.
- Τα πλαστικά παρεμβύσματα δεν παρέχονται και θα πρέπει να αγορασθούν χωριστά.

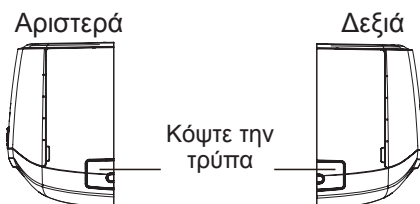


Βήμα Τέταρτο:

1. Οι σωληνώσεις μπορούν να βγούν προς τα δεξιά ή πίσω δεξιά, αριστερά ή πίσω αριστερά.



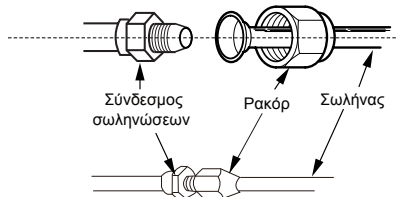
2. Μόλις επιλέξετε την κατεύθυνση των σωληνώσεων από αριστερά ή δεξιά, κόψτε τη σχετική τρύπα στο κάτω πλαίσιο μέρος του κλιματιστικού.



Βήμα Πέμπτο: Σύνδεση των ψυκτικών σωληνώσεων της εσωτερικής μονάδας

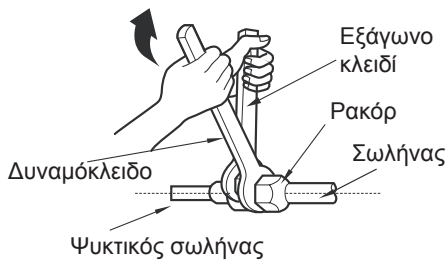
1. Τοποθετείστε τον σωλήνα υγρού και αερίου στην κατάλληλη θέση σύνδεσης

2. Συσφίξτε το αντίστοιχο ρακόρ ελαφρά με το χέρι.



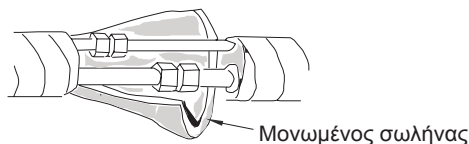
3. Προσαρμόστε στο δυναμόκλειδο την ροπή σύσφιξης σύμφωνα με τον παρακάτω πίνακα. Τοποθετείστε το εξάγωνο κλειδί σύσφιξης στην σταθερή πλευρά της σωλήνας και το δυναμόκλειδο στο ρακόρ. Συσφίξτε το ρακόρ με το δυναμόκλειδο.

Εγκατάσταση εσωτερικής μονάδας



Διάμετρος παξιμαδιού	Ροπή σύσφιξης (N.m)
Φ 6	15~20
Φ 9.52	30~40
Φ 12	45~55
Φ 16	60~65
Φ 19	70~75

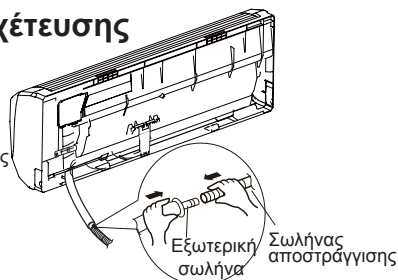
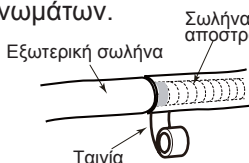
4. Τυλίξτε τις ψυκτικές σωληνώσεις με το αντίστοιχο μονωτικό υλικό και τυλίξτε το με ταινία.



Βήμα Έκτο: Σύνδεση του σωλήνα αποχέτευσης

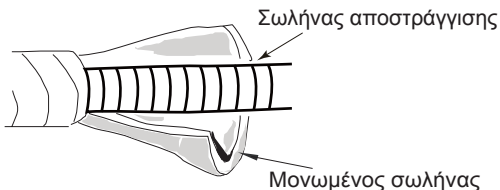
1. Συνδέστε το σωλήνα αποστράγγισης με την αντίστοιχη σωλήνα του μηχανήματος από το λεκανάκι συμπυκνωμάτων.

2. Σφραγίστε την ένωση με ταινία.



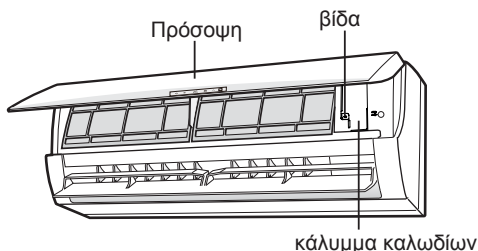
Σημείωση:

- Προσθέστε μόνωση στο σωλήνα αποστράγγισης της εσωτερικής μονάδας ώστε να εμποδίσετε τα συμπυκνώματα.
- Πλαστικά εξαρτήματα σύνδεσης και επέκτασης δεν παρέχονται.



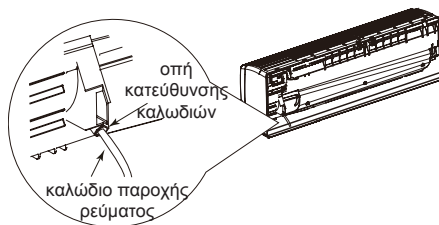
Βήμα Έβδομο: Σύνδεστε το καλώδιο της εσωτερικής μονάδας

1. Ανοίξτε την πρόσοψη, αφαιρέστε τη βίδα από το κάλυμμα των καλωδίων και κατεβάστε το κάλυμμα καλωδίων

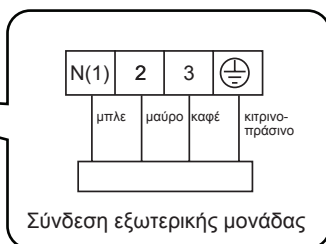
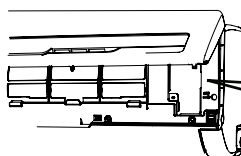


Εγκατάσταση εσωτερικής μονάδας

2. Περάστε το καλώδιο της παροχής του ρεύματος από την αντιστοίχη τρύπα στην πίσω πλευρά του μηχανήματος και έπειτα τραβήξτε το από μπροστά.



3. Αφαιρέστε το προστατευτικό κάλυμμα από την κλέμμα και συνδέστε το καλώδιο της παροχής ρεύματος στις αντίστοιχες θέσεις σύμφωνα με το χρώμα. Συσφίξτε τις βίδες και επανατοποθετείστε το κάλυμμα της κλέμματος.



4. Επανατοποθετείστε το πλαστικό.

5. Κλείστε ξανά την πρόσοψη.

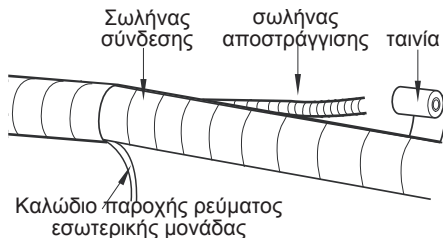
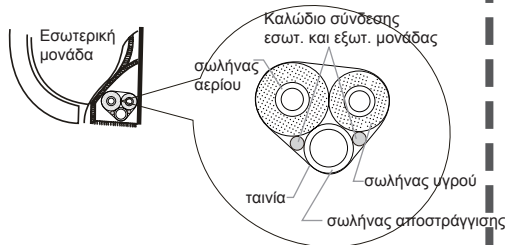
Σημείωση:

- Όλα τα καλώδια της εσωτερικής και εξωτερικής μονάδας πρέπει να συνδεθούν από εξειδικευμένο τεχνικό.
- Εάν το μήκος του καλωδίου παροχής ρεύματος δεν είναι επαρκές, επικοινωνήστε με τον προμηθευτή σας ή την αντιπροσωπεία για την παροχή νέου. Μην προσπαθήσετε να επεκτείνετε μόνοι σας το καλώδιο.
- Για τα κλιματιστικά που διαθέτουν φισ, το φισ θα πρέπει να είναι προσβάσιμο μετά την εγκατάσταση.
- Για τα κλιματιστικά που δεν διαθέτουν φισ, ένας ασφαλειοδιακόπτης πρέπει να εγκατασταθεί στην παροχή ρεύματος.
- Ο ασφαλειοδιακόπτης θα πρέπει να είναι τριπολικός με απόσταση επαφής μεγαλύτερη από 3mm.

Εγκατάσταση εσωτερικής μονάδας

Βήμα Όγδοο: Κάλυψη και μόνωση των σωληνώσεων

1. Καλύψτε τον σωλήνα σύνδεσης, το καλώδιο παροχής ρεύματος και τον σωλήνα αποχέυσης με ταινία.



3. Καλύψτε τα με την ταινία χωρίς να αφήσετε κενά.
4. Οι ψυκτικές σωληνώσεις θα πρέπει να καλυφθούν ξεχωριστά στο τέλος.

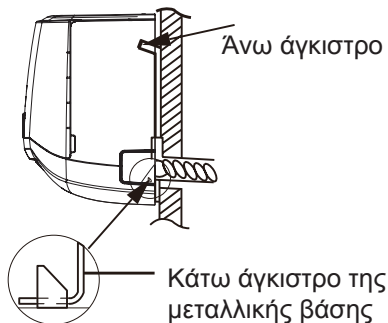
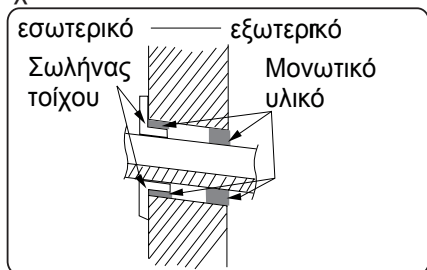
Σημείωση:

- Το καλώδιο παροχής ρεύματος και το καλώδιο επικοινωνίας δεν πρέπει να είναι μπερδεμένα κατά την τύλιξή τους.
- Ο σωλήνας αποχέυσης πρέπει να τοποθετηθεί κάτω από τις ψυκτικές σωληνώσεις και τα καλώδια.

2. Φροντίστε κατά την κάλυψη του σωλήνα αποχέυσης και του καλωδίου σύνδεσης να αφήσετε επαρκές μήκος εκτός της κάλυψης για την μετέπειτα εγκατάσταση.

Βήμα Ένατο: Κρέμαστε την εσωτερική μονάδα

1. Τοποθετείστε τις σωληνώσεις μέσα σε μια πλαστική προστατευτική σωλήνα και περάστε τη μέσα από την οπή του τοίχου.
2. Κρεμάστε την εσωτερική μονάδα επάνω στην μεταλλική βάση στήριξης.
3. Γεμίστε το κενό μεταξύ των σωλήνων και της τρύπας του τοίχου με μονωτικό υλικό.
4. Στερεώστε τον πλαστικό σωλήνα κάλυψης της οπής.
5. Ελέγξτε εάν η εσωτερική μονάδα έχει εγκατασταθεί σταθερά και κόντα στον τοίχο



Σημείωση:

- Μη λυγίζετε πολύ τον σωλήνα αποστράγγισης προκειμένου να αποφευχθεί πιθανό τσάκισμα.

Έλεγχος μετά την εγκατάσταση

- Ελέγξτε τα κάτωθι μετά την εγκατάσταση:

Σημεία προς έλεγχο	Πιθανή βλάβη
Έχει εγκατασταθεί σταθερά η μονάδα;	Η μονάδα μπορεί να πέσει, να ταρακουνηθεί ή να είναι πολύ θορυβώδης
Έχει γίνει ο έλεγχος διαρροής ψυκτικού υγρού;	Μπορεί να προκληθεί ανεπαρκής απόδοση είτε στην ψύξη είτε στην θέρμανση
Είναι επαρκής η θερμομόνωση των ψυκτικών σωληνώσεων και της αποχέτευσης;	Μπορεί να προκληθούν συμπτκνώματα και στάσιμο νερού
Απορρέει σωστά το νερό των συμπτκνώματων από την εσωτερική μονάδα?	Μπορεί να προκληθούν συμπτκνώματα και στάσιμο νερού
Η τάση παροχής ρεύματος του σπιτιού σας είναι σύμφωνη με αυτήν που αναφέρεται στο ταμπλελάκι χαρακτηριστικών της συσκευής;	Σε διαφορετική περίπτωση μπορεί να προκληθεί δυσλειτουργία η καταστροφή κάποιων μερών της συσκευής
Η συνδεσμολογία της καλωδίωσης είναι σωστή;	Σε διαφορετική περίπτωση μπορεί να προκληθεί δυσλειτουργία η καταστροφή κάποιων μερών της συσκευής
Έχει γειωθεί με ασφάλεια η μονάδα;	Σε διαφορετική περίπτωση μπορεί να προκληθεί ηλεκτρική διαρροή
Το καλώδιο παροχής ρεύματος πληρεί τις απαιτούμενες προδιαγραφές	Σε διαφορετική περίπτωση μπορεί να προκληθεί δυσλειτουργία η καταστροφή κάποιων μερών της συσκευής
Υπάρχει κάποιο εμπόδιο στις εισόδους ή στις εξόδους του αέρα;	Μπορεί να προκληθεί ανεπαρκής απόδοση ψύξης ή θέρμανσης
Έχει αφαιρεθεί η σκόνη και τυχόν άλλα σωματίδια που δημιουργήθηκαν κατά την εγκατάσταση;	Σε διαφορετική περίπτωση μπορεί να προκληθεί δυσλειτουργία η καταστροφή κάποιων μερών της συσκευής
Οι βάνες αερίου και υγρού της εξωτερικής μονάδας είναι εντελώς ανοικτές;	Μπορεί να προκληθεί ανεπαρκής απόδοση ψύξης ή θέρμανσης

Έλεγχος Λειτουργίας

1. Προετοιμασία ελέγχου λειτουργίας

- Ο κάτοχος εγκρίνει την κλιματιστική μονάδα.
- Υποδείξτε τις σημαντικές σημειώσεις που αφορούν το κλιματιστικό στον κάτοχό του

2. Μέθοδος ελέγχου λειτουργίας

- Ανοίξτε την παροχή ρεύματος, πατήστε το πλήκτρο ON/OFF στο τηλεχειριστήριο για να ενεργοποιήσετε την λειτουργία του κλιματιστικού.
- Πατήστε το πλήκτρο MODE για να επιλέξετε την λειτουργία AUTO, COOL, DRY, FAN, HEAT έτσι ώστε να ελέγξετε εάν η λειτουργία του κλιματιστικού είναι κανονική ή όχι.
- Αν η θερμοκρασία χώρου είναι μικρότερη από το κλιματιστικό δεν μπορεί να ενεργοποιηθεί η λειτουργία ψύξης.

Διαμόρφωση των ψυκτικών σωληνώσεων

1. Σταθερό μήκος ψυκτικών σωληνώσεων: 5 μέτρα, 7,5 μέτρα, 8 μέτρα
2. Έλάχιστο μήκος ψυκτικών σωληνώσεων 3 μέτρα.
3. Μέγιστο μήκος και υψομετρική διαφορά των ψυκτικών σωληνώσεων

Απόδοση Ψύξης	Μέγιστο μήκος σωληνώσεων	Μέγιστη υψομετρική διαφορά	Απόδοση Ψύξης	Μέγιστο μήκος σωληνώσεων	Μέγιστη υψομετρική διαφορά
5000Btu/h (1465W)	15	5	24000Btu/h (7032W)	25	10
7000Btu/h (2051W)	15	5	28000Btu/h (8204W)	30	10
9000Btu/h (2637W)	15	5	36000Btu/h (10548W)	30	20
12000Btu/h (3516W)	20	10	42000Btu/h (12306W)	30	20
18000Btu/h (5274W)	25	10	48000Btu/h (14064W)	30	20

4. Απαιτούμενο ψυκτικό υγρό και ψυκτικό λάδι έπειτα από την ολοκλήρωση της εγκατάστασης.

- Όσον αφορά το ψυκτικό λάδι επαρκεί για 10 μέτρα μήκος ψυκτικών σωληνώσεων. Θα πρέπει να προσθέτετε 5ml ψυκτικού λαδιού για κάθε 5 μέτρα επιπλέον σωληνώσεων.

- Η μέθοδος υπολογισμού συμπλήρωσης ψυκτικού υγρού είναι βασισμένη στο μήκος της σωλήνας υγρού όπως παρακάτω: Ποσότητα συμπλήρωσης ψυκτικού υγρού = έξτρα μέτρα σωληνώσεων x ποσότητα ψυκτικού υγρού ανα μέτρο.

- Στον παρακάτω πίνακα δίνεται η απαιτούμενη ποσότητα συμπλήρωσης ψυκτικού υγρού σύμφωνα με τη γραμμή υγρού του κάθε μηχανήματος και είναι διαφορετική για διαφορετικές διατομές της γραμμής υγρού. Ανατρέξτε στο παρακάτω πίνακα

Διαμόρφωση των ψυκτικών σωληνώσεων

Πρόσθετη ποσότητα ψυκτικού υγρού R22, R407C, R410A και R134a

Διάμετρος σωλήνα σύνδεσης		Εξωτερική μονάδα	
Γραμμή υγρού(mm)	Γραμμή αερίου(mm)	Ψύξη (g/m)	Ψύξη και θέρμανση(g/m)
Φ6	Φ9.52 or Φ12	15	20
Φ6 or Φ9.52	Φ16 or Φ19	15	50
Φ12	Φ19 or Φ22.2	30	120
Φ16	Φ25.4 or Φ31.8	60	120
Φ19	—	250	250
Φ22.2	—	350	350

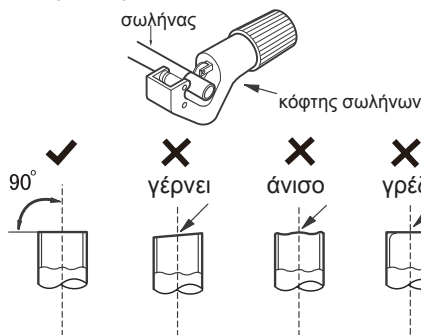
Μέθοδος εκχέιλωσης των σωληνώσεων

Note:

Η λανθασμένη εκχέιλωση των σωληνώσεων, είναι ο πιο πιθανός παράγοντας που μπορεί να εμφανιστεί διαρροή ψυκτικού μέσου. Παρακαλούμε ακολουθείστε τα παρακάτω βήματα ελάν θέλετε να επεκτείνετε τις σωληνώσεις:

A: Κόψτε το σωλήνα

- Μετρήστε την απόσταση εσωτερικής και εξωτερικής μονάδας και στη συνέχεια επιλέξτε το μήκος σωλήνα που χρειάζεστε.
- Κόψτε το απαιτούμενο μήκος σωλήνα με τον κόφτη σωληνών



B: Αφαιρέστε τα γρέζια

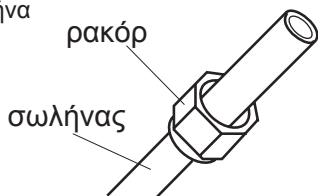
- Αφαιρέστε τα γρέζια από την επιφάνεια της κοπής και δώστε ιδιαίτερη προσοχή στον να μην μπουν στο εσωτερικό του σωλήνα



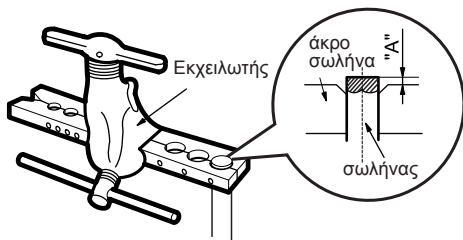
Γ: Τοποθετήστε εξωτερικά την κατάλληλη μόνωση

Δ: Συνδέστε το ρακόρ

- Αφαιρέστε το ρακόρ από τον σωλήνα της εσωτερικής μονάδας και την βάνα της εξωτερικής τοποθετήστε το αντιστοίχως στον σωλήνα



Ε: Εκχέιλωση των άκρων



Σημείωση:

- Η απόσταση "A" είναι διαφορετική και εξαρτάται από την διάμετρο του σωλήνα. Παρακαλούμε ανατρέξτε στον πίνακα παρακάτω:

Εξωτ. διάμετρος (mm)	A(mm)	
	Μέγιστη	Ελάχιστη
Φ6 - 6.35(1/4")	1.3	0.7
Φ9.52(3/8")	1.6	1.0
Φ12-12.7(1/2")	1.8	1.0
Φ15.8-16(5/8")	2.4	2.2

F: Έλεγχος

- Έλεγξτε την ποιότητα της εκχέιλωσης. Εάν παρατηρήσετε οποιαδήποτε ανωμαλία στην επιφάνεια ή ασυμμετρία, επαναλάβετε την εκχέιλωση ακολουθώντας τα ίδια βήματα

Επίπεδη επιφάνεια



Ενεργοποιήστε την εγγύηση σας...

5 απλά βήματα!

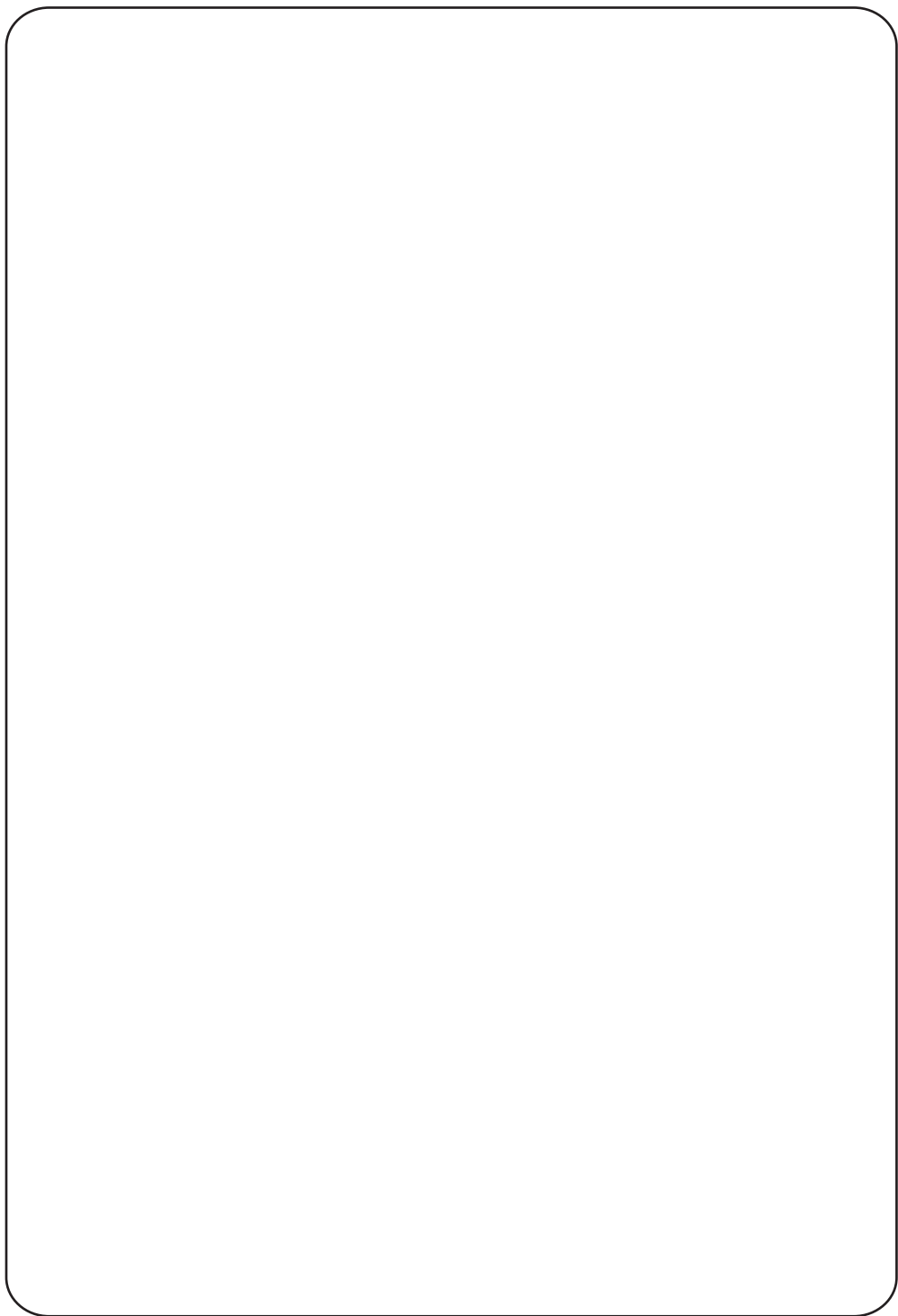


Σκανάρτε εδώ
για τα έντυπα
των εγγυήσεων

- 1** Συνδεθείτε στο site της **inventor** στον ακόλουθο σύνδεσμο
<http://www.inventoraircondition.gr/egiisi-inventor/>
- 2** Επιλέξτε τον τύπο του προϊόντος (κλιματιστικό ή συσκευή) για το οποίο θα ενεργοποιηθεί η εγγύηση
- 3** Επιλέξτε την εγγύηση που αντιστοιχεί στο προϊόν που έχετε στην κατοχή σας
- 4** Συμπληρώστε τα απαιτούμενα στοιχεία (κατόχου, εμπόρου και συσκευής) και πατήστε αποστολή
- 5** Θα λάβετε επιβεβαιωτικό μήνυμα στο e-mail σας για την ενεργοποίηση της εγγύησης

Για την υποβολή
ηλεκτρονικών εγγυήσεων
ηλεκτροδογήστε
την παρακάτω διεύθυνση

**[http://www.
inventoraircondition.gr/
egiisi-inventor/](http://www.inventoraircondition.gr/egiisi-inventor/)**



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Acest aparat nu este destinat utilizării de către persoane (inclusiv copii) cu capacități fizice, senzoriale sau mentale reduse, sau lipsite de experiență și cunoștințe, cu excepția cazului în care acestea au fost supravegheate și instruite cu privire la utilizarea aparatului de către o persoană responsabilă pentru siguranța lor. Copiii trebuie supravegheați pentru a vă asigura că nu se joacă cu acest aparat



Acest marcată indică faptul că acest produs nu trebuie aruncat împreună cu resturile menajere pe tot teritoriul UE. Pentru a preveni daune posibile mediului înconjurător sau sănătății omului rezultate din eliminarea necontrolată a deșeurilor, reciclați-l cu simț de răspundere pentru a promova reutilizarea sustenabilă a resurselor materiale. Pentru a returna aparatul folosit, vă rugăm folosiți sistemele de reutilizare și colectare sau contactați comerciantul de unde ați achiziționat produsul. Aceștia pot lua acest produs spre reciclare pentru siguranța mediului înconjurător



Utilizarea și întreținerea

- Acest aparat poate fi folosit de copiii de peste 8 ani și de către persoane cu capacități fizice, senzoriale sau mentale reduse, sau lipsite de experiență și cunoștințe dacă li se acordă supraveghere sau instruire cu privire la utilizarea în siguranță și dacă înțeleg riscurile implicate.
- Copiii nu trebuie lăsați să se joace cu acest aparat.
- Curățarea și întreținerea din partea utilizatorului nu trebuie efectuate de către copii fără supraveghere.
- Nu conectați aparatul de aer condiționat la un prelungitor cu utilizări multiple deoarece poate constitui pericol de incendiu.
- Deconectați alimentarea cu electricitate în timpul curățării aparatului de aer condiționat, există risc de electrocutare.
- În cazul în care cablul de alimentare este avariât, trebuie înlocuit de către producător, agentul de vânzări sau o altă persoană cu calificări asemănătoare pentru a evita pericolul.
- Nu spălați aparatul de aer condiționat cu apă pentru a evita electrocutarea.
- Nu pulverizați apă pe unitatea interioară, poate cauza electrocutare sau defecțiuni.
- După înlăturarea filtrului, nu atingeți fantele pentru a nu vă răni.
- Nu folosiți foc sau uscător de păr pentru a usca filtrele, pentru a evita deformarea sau pericolul de incendiu.
- Întreținerea trebuie efectuată de personal calificat. În caz contrar, poate cauza vătămări corporale sau pagube materiale.



ATENȚIONARE

- Nu reparați singuri aparatul de aer condiționat. Poate cauza electrocutare sau pagube. Vă rugăm contactați vânzătorul când trebuie să reparați aparatul de aer condiționat.
- Nu introduceți degetele sau alte obiecte în unitățile de admisie sau evacuare a aerului. Poate cauza vătămări corporale sau pagube materiale.
- Nu blocați unitățile de admisie și evacuare aer. Acest lucru poate duce la defecțiuni. Nu vărsați apă pe telecomanda în caz contrar, telecomanda se poate defecta.
- Când apar fenomene de îngheț, vă rugăm opriți aparatul de aer condiționat și deconectați-l de la alimentarea electrică, iar apoi contactați vânzătorul sau personalul calificat pentru service.
- Cablul de alimentare se supraîncălzește sau este avariât.
- Există sunete anormale în timpul utilizării.
- Întrerupătorul de circuit se declanșează în mod frecvent.
- Aparatul de aer condiționat emană un miros de ars.
- Unitatea interioară are scurgeri.
- Dacă aparatul de aer condiționat funcționează în condiții anormale, poate cauza defecțiuni, electrocutare sau pericol de incendiu.
- La pornirea sau oprirea aparatului cu ajutorul butonului de utilizare în caz de urgență, vă rugăm folosiți un obiect izolan care să nu fie metalic.
- Nu călcați pe panoul de sus al unității exterioare și nu puneți obiecte grele pe acesta. Poate cauza pagube materiale sau vătămare corporală.



Atașament

- Instalarea trebuie realizată de profesioniști calificați. În caz contrar, poate cauza vătămare corporală sau pagube materiale.
- Trebuie urmate reglementările de securitate din domeniul electric la instalarea unității.
- Conform reglementărilor de siguranță locale, folosiți circuit de alimentare și întrerupător de circuit omologate.
- Instalați întrerupătorul de circuit. Dacă nu, pot exista defecțiuni.
- Un întrerupător multipolar cu o separare de contact de cel puțin 3 mm în toți polii trebuie să fie conectat în cablajele fixe.
- Incluzând un întrerupător de circuit cu capacitate adecvată, vă rugăm observați următorul tabel. Un comutator aerian trebuie să includă cuplaj magnetic și funcție de cuplaj la încălzire, putând astfel proteja de scurtcircuit și supraîncălzire.
- Aparatul de aer condiționat trebuie să aibă împământare adecvată. O împământare neadecvată poate cauza electrocutare.
- Nu folosiți cablu de alimentare neomologat.
- Asigurați-vă că alimentarea electrică se potrivește cu cerințele aparatului de aer condiționat. O alimentare electrică instabilă sau o cablare incorectă sau avariere. Vă rugăm instalați cabluri de alimentare adecvate înainte de a folosi aparatul de aer condiționat.
- Conectați adecvat firul de alimentare, pe cel neutru și pe cel de împământare.



ATENȚIONARE

- Asigurați-vă că este întreruptă alimentarea electrică înainte de a efectua orice lucrare legată de electricitate sau siguranță.
- Nu conectați la electricitate înainte de terminarea instalării.
- Dacă cablul de alimentare este avariât, acesta trebuie înlocuit de către producător, agent de vânzări sau altă persoană cu calificare asemănătoare pentru a evita un pericol.
- Temperatura circuitului frigorific poate fi înaltă, vă rugăm țineți cablul de interconectare departe de tubul de cupru.
- Aparatul trebuie instalat în conformitate cu reglementările naționale de cablare.
- Instalarea trebuie efectuată în conformitate cu reglementările naționale doar de către personal autorizat.
- Aparatul de aer condiționat este un aparat electric de primă clasă. Trebuie să aibă o împământare adecvată prin instrumente de împământare specializate realizate de un profesionist. Asigurați-vă că este mereu împământat corect, altfel poate cauza cutare.
- Cablul galben-verde din aparatul de aer condiționat este firul de împământare, acesta nu poate fi folosit în alte scopuri.
- Rezistența la împământare trebuie să fie în conformitate cu reglementările de siguranță naționale din domeniul electric.
- Aparatul trebuie astfel poziționat încât ștecherul să fie accesibil.

Precauții



ATENȚIONARE

- Toate cablurile unității interioare și exterioare trebuie conectate de către un profesionist.
- Dacă lungimea cablului de alimentare este mică, vă rugăm contactați furnizorul pentru unul nou. Evitați extinderea firului pe cont propriu.
- Pentru aparatul de aer condiționat cu ștecher, ștecherul trebuie să fie accesibil după terminarea instalării.
- Pentru aparatul de aer condiționat fără ștecher, un întrerupător de circuit trebuie instalat pe linie.
- Dacă trebuie să mutați aparatul de aer condiționat în alt loc, doar o persoană calificată poate efectua această lucrare. În caz contrar, poate cauza vătămare corporală sau daune materiale.
- Alegeți o locație care nu este la îndemâna copiilor și departe de animale sau plante. Dacă acest lucru nu este posibil, vă rugăm puneți împrejmuire în scopuri de siguranță.
- Unitatea interioară trebuie instalată aproape de perete.

Interval de temperatură pentru funcționare

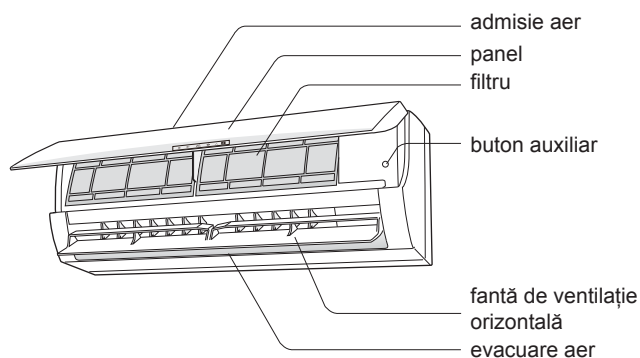
	Partea interioară DB /WB(°C)	Partea exterioară DB/WB(°C)
Răcire maximă	32/23	43/26
Încălzire maximă	27/-	24/18

ATENȚIE:

- Intervalul de temperatură în funcționare (temperatură externă) doar pentru unitatea de răcire este de -15°C ~ 43°C ; pentru unitatea pompei de încălzire -15°C ~ 24°C pentru modelul fara curea încălzire electrică pentru șasiu; pentru modelul ce are curea încălzire electrică pentru șasiu este -20°C ~ 24°C

Denumirea componentelor

Unitatea interioară



(Conținutul afișajului sau pozițiile acestuia pot fi diferite de graficul de mai sus, vă rugăm consultați produsul real)



telecomandă

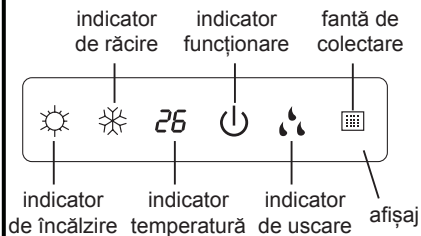
ATENȚIE:

Produsele reale pot fi diferite de imaginile de mai sus, vă rugăm consultați produsele reale.

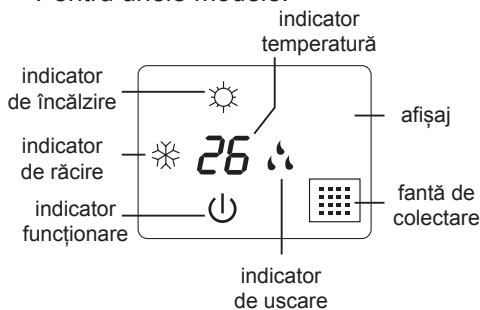
Denumirea componentelor

Afișajul

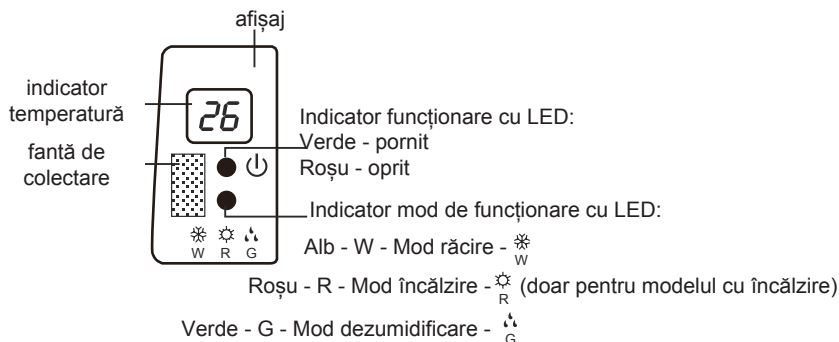
Pentru unele modele:



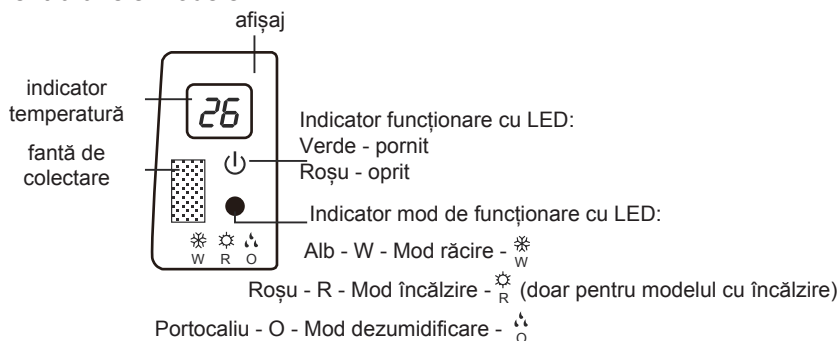
Pentru unele modele:



Pentru unele modele:

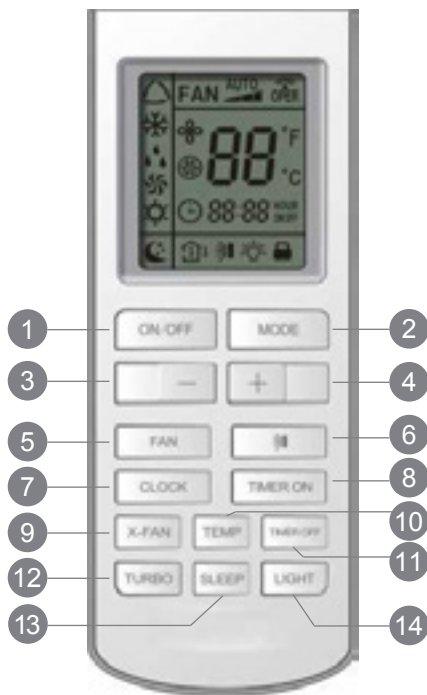


Pentru unele modele:



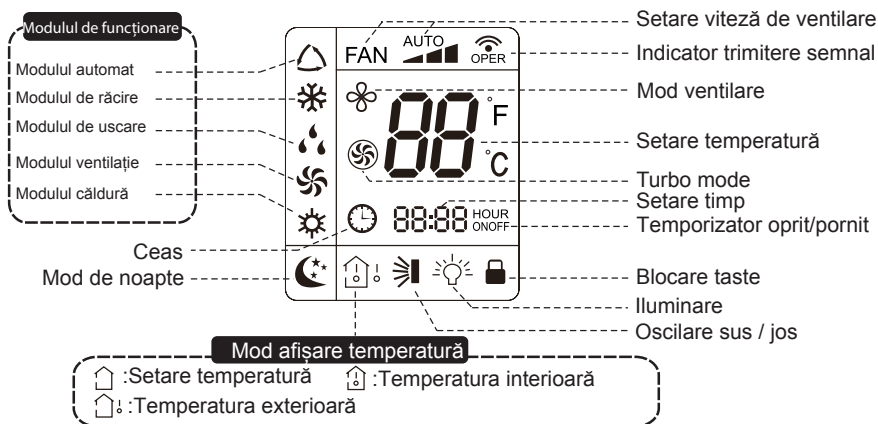
Conținutul afișajului sau pozițiile acestuia pot fi diferite de graficul de mai sus, vă rugăm consultați produsul real.

Butoanele de pe telecomandă



- 1 buton ON/OFF (pornire/oprire)
- 2 buton MODE (modul funcționare)
- 3 - buton
- 4 + buton
- 5 buton FAN (ventilație)
- 6 buton
- 7 butonul CLOCK
- 8 Pornire temporizator
- 9 Ventilație
- 10 Buton TEMP
- 11 Oprește temporizator
- 12 Buton TURBO
- 13 buton SLEEP (modul de veghe)
- 14 Buton iluminare

Introducere pentru pictogramele de pe ecranul de afișare



Introducere pentru butoanele de pe telecomandă

Notă:

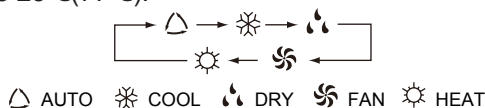
- După pornire, aparatul va scoate un sunet de avertizare. Indicatorul de funcționare se va aprinde (culoarea va fi verde). După aceea, puteți seta aparatul cu ajutorul telecomenzii.
- Când aparatul este pornit, prin apăsarea tastelor se va aprinde ledul de semnal pe ecranul telecomenzii o singură dată, iar aparatul va emite și un sunet de avertizare, ceea ce înseamnă că semnalul a fost recepționat de aparat.
- Când aparatul este oprit, temperatura setată și indicatorul CLOCK vor fi afișate pe ecranul telecomenzii (dacă temporizarea este pornită sau oprită și alte funcții setate, indicatoarele corespunzătoare vor fi afișate pe ecranul telecomenzii); Când aparatul este pornit, ecranul va arăta indicatoarele corespunzătoare funcțiilor active.

1 Butonul ON/OFF

Apăsați butonul pentru a porni/ opri aparatul. Dacă opriți sau porniți aparatul funcțiile TIMER și SLEEP se vor anula, dar timpul setat se va păstra.

2 Butonul MODE

Apăsarea o dată a acestui buton poate selecta în mod circular modulul dorit, ca mai jos (pictograma corespunzătoare se va aprinde după selectarea modulului). Modul AUTO este implicit la pornirea aparatului. În modul auto temperatura nu este afișată. În modul HEAT, valoarea inițială este 28 (82). În alte moduri de funcționare valoarea implicită este 25°C(77°C).



(Doar pentru modele cu funcție de încălzire și răcire. Pentru modelele doar cu răcire, aparatul nu va funcționa sub nici o funcție ce ține de operarea în modul de încălzire)

3 - buton

Temperatura poate fi scăzută. Prin apăsarea acestui buton de mai multe ori temperatura va fi scăzută, iar dacă se ține apăsat mai lung va scădea mai repede până când butonul este lăsat liber, semnul () va fi tot timpul afișat. În modul AUTO nu se poate folosi acest buton, dar se poate schimba ordinea când acest buton este apăsat.

4 + buton

Temperatura poate fi scăzută. Prin apăsarea acestui buton de mai multe ori temperatura va fi scăzută, iar dacă se ține apăsat mai lung va scădea mai repede până când butonul este lăsat liber, semnul °C(°F) va fi tot timpul afișat. În modul AUTO nu se poate folosi acest buton, dar se poate schimba ordinea când acest buton este apăsat. Temperatura în grade Celsius poate fi setată între 16 și 30 - sau 61-86 în Fahrenheit.

Introducere pentru butoanele de pe telecomandă

5 Butonul FAN

Apăsarea acestui buton poate alege în mod circular viteza ventilatorului. Valoarea implicită la pornirea aparatului este AUTO.



Notă: În modul DRY, viteza nu se poate seta, viteza imperativă fiind cea mai mică. Dacă se operează acest buton, viteza cea mai mică este imperativă.

6 Butonul

Apăsați acest buton pentru a ghida în sus sau jos fantele de aer.



Aceasta este o telecomandă universală. Dacă telecomanda are doar 3 poziții ca mai jos atunci poziția generală este:



Când fantele încep să se miște iar butonul respectiv este apăsat din nou, lamele se vor opri în poziția curentă.

➤ Acest simbol indică faptul ca fantele de aer se vor plimba în toate cele 5 poziții.

7 Butonul CLOCK

Prin apăsarea acestui buton se poate seta ceasul. În cele 5 secunde se poate seta ora folosind butoanele + și -, iar dacă acestea sunt apăstate mai lung, se va mari de la 0.5 secunde la 1. În timp ce acesta pâlpâie, indicatorul respectiv va fi afișat tot timpulș acest lucru înseamnă că operația a fost terminată. Dacă acest indicator este aprins înseamnă ca pe ecran este afișată ora, în caz contrar este funcția TIMER - temporizatorul de oprit / pornit.

8 Butonul TIMER ON

Atunci când aparatul este oprit, apăsați acest buton pentru a seta pornirea temporizatorului. Pictogramele T-ON și H vor clipi. În 5 secunde, apăsați butonul + sau - pentru a potrivi timpul pentru oprirea temporizatorului (Timer On). Apăsarea butonului + sau - o dată va crește sau scădea timpul cu câte 0,5 ore. Țineți apăsat butonul + sau - pentru 2 secunde, iar timpul se va schimba repede. Opriți apăsarea butonului după ce ați ajuns la timpul dorit. Apoi apăsați butonul TIMER pentru a confirma. Pictogramele T-ON și H nu vor mai clipi.

Introducere pentru butoanele de pe telecomandă

9 Butonul X-FAN

Funcționează doar modul COOL și DRY prin aprinderea indicatorului corespunzător și va funcționa 10 minute astfel încât să usuce unitatea interioară dacă aparatul a fost prît. La pornirea aparatului funcția nu este activată. Aceasta nu funcționează în modul AUTO, FAN sau HEAT.

10 Butonul TEMP

Apăsarea acestui buton, ar putea alege afișarea temperaturii de setare de interior sau temperatura mediului ambiant interior. În cazul în care unitatea interioară este abia pornită va afișa setarea de temperatură, dacă starea de afișare a temperaturii este schimbată de la un status la "  ", afișează temperatura ambiantă, 5s mai târziu sau în 5s, acesta primește alt semnal de control de la distanță, care va reveni pentru a afișa temperatura de setare. dacă utilizatorii nu au setat temperatura de stare afișată, atunci se va afișa temperatura de setare.

(Această funcție este aplicabilă doar la unele modele)

După aparatul este pornit, temperatura de setare afișarea este implicită, (în funcție de cerințele clienților, în cazul în care nu există nicio cerință implicită pentru a afișa temperatura de presetare și nu există nici o pictogramă afișată pe telecomanda fără fir). Apăsați acest buton, (Când este afișat "  "), se va afișa temperatura presetată; (când este afișat "  ") va afișa temperatura ambiantă interioară, "  " curent afișat nu va fi modificat. În cazul în care se afișează circular temperatura ambiantă interioară, dacă a primit semnalul de la telecomandă, se va afișa presetarea temperaturii, 5s mai târziu, se va afișa temperatura ambiantă. (Această funcție este aplicabilă doar la unele modele)

11 Butonul TIMER OFF

Când aparatul este pornit, apăsați acest buton pentru a opri temporizatorul. Metoda este similară cu TIMER ON.

12 Funcția TURBO

În modul COOL sau HEAT, prin apăsarea acestui buton se pornește sau se oprește funcția TURBO. La activare, indicatorul corespunzător va fi afișat. La schimbarea modului de operare sau a vitezei ventilatorului, funcția se oprește automat.

13 Funcția SLEEP

Prin apăsarea acestui buton se pornește sau se oprește funcția SLEEP. La oprirea aparatului funcția se dezactivează automat. Când se pornește aparatul valoarea implicită a funcției este pe poziția oprit. Indicatorul corespunzător se va aprinde la activarea funcției. În acest mod de lucru se poate seta ceasul și temporizatorul. În modul AUTO și FAN, funcția nu este disponibilă.

Introducere funcții prin combinații de butoane

14 Butonul LIGHT

Se folosește pentru a porni/opri iluminarea de la ecranul telecomenzii. 

Introducerea funcțiilor speciale

Despre funcția X-FAN

Această funcție usucă unitatea interioară prin eliminarea condensului ce se produce în interior.

1. Dacă funcția este activată, la oprirea aparatului acesta va mai sufla aer încă 10 minute pentru a usca interiorul unității interne pentru a elimina condensul.
2. Dacă funcția nu este activată, aparatul se va opri imediat ce este apasat butonul de pornit/oprit.

Despre AUTO RUN

Dacă este activată, nu se va afișa temperatura, iar aparatul va funcționa în concordanță cu temperatura din cameră în mod automat selectând modul de lucru potrivit pentru a face un aer confortabil.

Despre funcția TURBO

Dacă funcția este activată, aparatul va funcționa la viteză mare în modul de răcire sau încălzire astfel încât temperatura setată să fie atinsă cât mai repede posibil.

Despre funcția de Ventilare în modul de încălzire (la anumite modele)

Atunci când aparatul funcționează în modul HEAT sau AUTO HEAT, compresorul și ventilatorul unității interioare funcționează, iar la oprirea aparatului acestea se vor opri imediat. Atunci lamelele de la interior vor mai funcționa 10 secunde în poziție orizontală până la oprirea completă a aparatului.

Introducere pentru funcții speciale

Despre noua funcție de degivrare

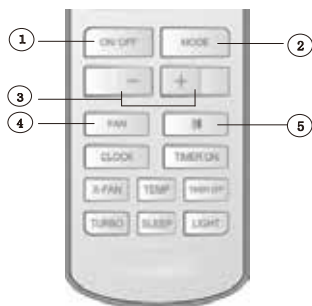
Când aparatul este oprit, țineți apăsat butonul MODE pentru 2 secunde pentru a intra sau ieși din funcția H1 de degivrare. După aceea, funcția H1 se va opri. Când intrați în această operație de degivrare pe ecran se va arata H1. Când faceți această operație pe modul de încălzire pe ecran timp de 5 secunde la o frecvență de o secunda se va arată H1. După aceea telecomanda va arată temperatura setată. În aceste 5 secunde, apăsați + și - sau butonul TIMER pentru a anula funcția H1, în timp ce pe ecran se va arată temperatura setată. Pentru a schimba din Celsius în Fahrenheit după intrarea în funcția de degivrare H1, valoarea temperaturii va putea fi schimbată înainte de 5 secunde după intrarea în funcția H1.



Ghid de utilizare

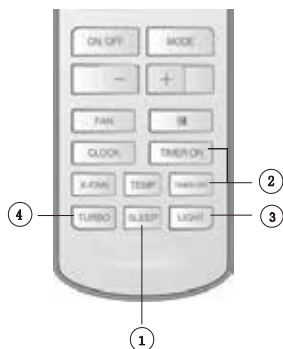
Utilizare generală

1. După legarea la curent, apăsați butonul ON/OFF de pe telecomandă pentru a porni aparatul de aer condiționat.
2. Apăsați butonul MODE pentru a alege modulul necesar: AUTO, COOL, DRY, FAN, HEAT (automat, de răcire, de uscare, de ventilație, de încălzire).
3. Apăsați butonul + sau - pentru a seta temperatura dorită. (temperatura nu poate fi potrivită în modulul automat).
4. Apăsați butonul FAN pentru a seta viteza entilatorului: automată, mică, medie sau mare.
5. Apăsați butonul SWING pentru a alege unghiul de suflare al ventilatorului.



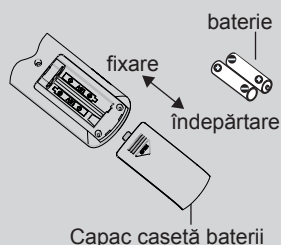
Utilizarea opțională

1. Apăsați butonul SLEEP, pentru a seta funcția de noapte.
2. Apăsați TIMER ON și TIMER OFF pentru a seta temporizarea la oprire și pornire.
3. Apăsați tasta LIGHT, pentru a controla iluminarea ecranului (valabil la anumite modele).
4. Apăsați butonul TURBO, pentru a porni sau opri funcția TURBO (viteza ventilatorului)



Înlocuirea bateriilor din telecomandă

1. Apăsați pe partea din spate a telecomenzii pe locul marcat cu "🔋", așa cum este arătat în figură, și apoi apăsați în afară capacul casei de baterii de-a lungul direcției săgeții.
2. Înlocuiți două baterii nr.7 (AAA 1,5V) și asigurați-vă că poziția polarității + și - este corectă.
3. Puneți la loc capacul casei de baterii.



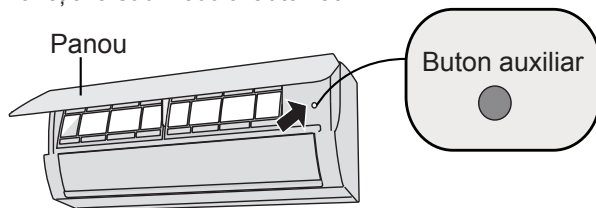
ATENȚIE

- În timpul funcționării, îndreptați emițătorul de semnal al telecomenzii către fereastra de primire semnal a unității interioare.
- Distanța dintre transmiterea semnalului și fereastra de primire nu trebuie să fie mai mare de 8 metri, și nu trebuie să fie obstacole între ele.
- Semnalul poate fi întrerupt ușor în camerele unde există lămpi fluorescente sau telefoane wireless; telecomanda trebuie să fie aproape de aparat în timpul funcționării.
- Înlocuiți cu baterii noi din același model atunci când se cere înlocuirea.
- Atunci când nu folosiți telecomanda un timp îndelungat, vă rugăm scoateți bateriile.
- Dacă afișajul de pe telecomandă este neclar sau nu există, vă rugăm înlocuiți bateriile

Funcționarea în caz de urgențe

Dacă telecomanda se pierde sau este deteriorată, vă rugăm folosiți butonul auxiliar pentru a porni și opri aparatul de aer condiționat. Operațiunea detaliată este descrisă mai jos:

După cum vedem în imagine, deschideți panoul, apăsați butonul auxiliar pentru a porni sau a opri aparatul de aer condiționat. Când aparatul de aer condiționat este pornit, acesta va funcționa sub modulul automat.



⚠ ATENȚIONARE:

Folosiți un obiect izolat pentru a apăsa butonul automat.

Curățarea și întreținerea

⚠ ATENȚIONARE:

- Opriți aparatul de aer condiționat și deconectați de la electricitate înainte de a curăța aparatul de aer condiționat pentru a evita electrocutarea.
- Nu spălați aparatul de aer condiționat cu apă pentru a evita electrocutarea.
- Nu folosiți uleiuri volatile pentru a curăța aparatul de aer condiționat

Curățarea suprafeței unității interioare

Atunci când suprafața unității interioare este murdară, se recomandă folosirea unei cârpe moi și uscate sau a unei cârpe umede pentru a o curăța.

ATENȚIE:

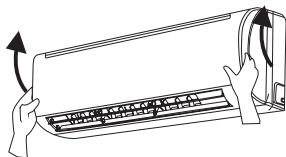
- Nu deschideți panoul atunci când îl curățați.

Curățarea și întreținerea

Curățarea filtrului

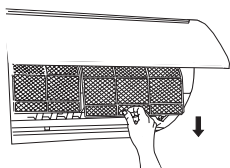
1 Deschidere panou

Trageți de panou afară dintr-un anumit unghi, după cum se vede în imagine.



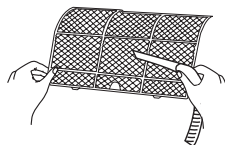
2 Îndepărtare filtru

Scoateți filtrul după cum se vede în imagine.



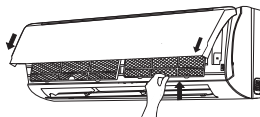
3 Curățare filtru

- Folosiți aspiratorul de praf sau apă pentru a curăța filtrul.
- Când filtrul este foarte murdar, folosiți apă (sub 45 °C) pentru a-l curăța, apoi așezați-l la umbră într-un loc răcoros pentru a se usca.



4 Fixare filtru

Fixați filtrul și apoi închideți bine capacul panoului.



ATENȚIONARE

- Filtrul trebuie curățat o dată la trei luni. Dacă există mult praf în mediul de funcționare, se poate crește frecvența curățării.
- După îndepărtarea filtrului, nu atingeți fantele pentru a nu vă răni.
- Nu folosiți focul sau uscătorul de păr să uscați filtrul, pentru a evita deformarea sau riscul de incendiu

ATENȚIE: Verificarea înaintea sezonului de folosire

1. Verificați dacă admisia sau evacuarea aerului sunt blocate.
2. Verificați dacă întrerupatorul de circuit, ștecherul și priza sunt în stare buna.
3. Verificați dacă filtrul este curat.
4. Verificați dacă țeava de scurgere este în stare bună.

ATENȚIE: Verificarea după sezonul de folosire

1. Deconectați cablul de alimentare.
2. Verificați filtrul și panoul unității interioare.

Atenție pentru reciclare

1. Multe materiale din ambalaj sunt materiale reciclabile. Vă rugăm să le aruncați în unități de reciclare corespunzătoare.
2. Dacă vreți să aruncați aparatul de aer condiționat, vă rugăm contactați reprezentantul local sau centrul de servicii pentru metoda corectă de aruncare.

Analizarea defecțiunilor

Analiza fenomenelor generale

Vă rugăm verificați elementele de mai jos înainte de a cere mentenanța. Dacă defecțiunea nu poate fi eliminată, vă rugăm contactați reprezentantul local sau personalul calificat

Fenomen	Elemente de verificat	Soluție
Unitatea interioară nu poate primi semnalul telecomenzii sau telecomanda nu acționează	Există interferențe majore (cumar fi electricitatea statică, voltajul stabil)?	Scoateți din priză. Bagați din nou în priză după aproximativ 3 minute, iar apoi porniți din nou aparatul
	Este telecomanda în cadrul distanței de primire a semnalului?	Intervalul de primire a semnalului este de 8 metri
	Există obstacole?	Îndepărtați obstacolele
	Telecomanda este îndreptată către fereastra de primire semnal?	Alegeți unghiul potrivit și îndreptați telecomanda către fereastra de primire semnal a unității interioare
	Sensibilitatea telecomenzii este mică, afișajul este neclar sau nu apare?	Verificați bateriile, dacă puterea bateriilor este prea mică, vă rugăm să le înlocuiți
	Nu există afișaj când este acționată telecomanda?	Verificați dacă telecomanda pare să fie avariata. Dacă da, înlocuiți-o.
	Exista o lampă fluorescentă în cameră?	Mergeți cu telecomanda aproape de unitatea interioară. Opriti lapma fluorescentă și încercați din nou.
Unitatea interioară nu suflă aer	Admisia sau evacuarea aerului unității interioare sunt blocate?	Eliminați obstacolele
	În modulul de încălzire, temperatura interioară ajunge la temperatura setată?	După atingerea temperaturii setate, unitatea interioară nu mai suflă aer
	Modulul de încălzire este abia pornit?	Pentru a preveni suflarea de aer rece, unitatea interioară va porni după o întârziere de câteva minute, un fenomen absolut normal.

Analizarea defecțiunilor

Fenomen	Elemente de verificat	Soluție
Aparatul de aer condiționat nu funcționează	• Cădere electrică?	• Așteptați revenirea electricității
	• Ștecherul nu este bine băgat în priză?	• Reintroduceți ștecherul.
	• Întrerupătorul de circuit se declanșează sau o siguranță se arde?	• Cereți ajutor calificat pentru a vă înlocui întrerupătorul sau siguranța.
	• Cablarea este avariata?	• Cereți ajutor calificat pentru a vă înlocui cablajul.
	• Aparatul a repornit imediat după oprire?	• Așteptați 3 minute, după care porniți din nou aparatul.
	• Setarea funcției pentru telecomandă este corectă?	• Resetați funcția.
Apare ceață evacuată de unitatea interioară	• Temperatura interioară și umiditatea sunt mari?	• Din cauză că aerul interior este răcit repede. După o vreme, temperatura interioară și umiditatea vor scădea și ceața va dispărea.
Temperatura setată nu poate fi modificată	• Unitatea funcționează în modulul automat?	• Temperatura nu poate fi schimbată în modulul automat. Vă rugăm treceți la modulul de funcționare normală dacă vreți să setați temperatura.
	• Temperatura cerută depășește intervalul setat de temperatură?	• Intervalul de setare temperatură este între 16°C ~ 30°C.
Efectul de răcire (încălzire) nu este bun	• Este voltajul prea mic?	• Așteptați revenirea la normal a voltajului.
	• Este filtrul murdar?	• Curățați filtrul.
	• Temperatura setată se află în interval?	• Ajustați temperatura în intervalul adecvat.
	• Este deschisă ușa sau fereastra?	• Închideți ușile și ferestrele.

Malfunction analysis

Phenomenon	Check items	Solution
Odours are emitted	Whether there's odour source, such as furniture and cigarette, etc.	- Eliminate the odour source. - Clean the filter.
Air conditioner operates abnormally suddenly	Whether there's interference, such as thunder, wireless devices, etc.	Disconnect power, put back power, and then turn on the unit again.
"Water flowing" noise	Air conditioner is turned on or turned off just now?	The noise is the sound of refrigerant flowing inside the unit, which is a normal phenomenon.
Cracking noise	Air conditioner is turned on or turned off just now?	This is the sound of friction caused by expansion and/or contraction of panel or other parts due to the change of temperature.

Analizarea defectiunilor

Coduri de eroare

- Când starea aparatul de aer condiționat este anormală, indicatorul de temperatură de pe unitatea interioară va clipi și va afișa un cod de eroare corespunzător. Vă rugăm revizuiți lista de mai jos pentru a identifica codul de eroare.

Cod eroare	Depanare
E5	Poate fi eliminată după repornirea aparatului. Dacă nu, contactați personal calificat pentru service
E8	Poate fi eliminată după repornirea aparatului. Dacă nu, contactați personal calificat pentru service
U8	Poate fi eliminată după repornirea aparatului. Dacă nu, contactați personal calificat pentru service
H6	Poate fi eliminată după repornirea aparatului. Dacă nu, contactați personal calificat pentru service
C5	Vă rugăm contactați personal calificat pentru service
F1	Vă rugăm contactați personal calificat pentru service
F2	Vă rugăm contactați personal calificat pentru service

Notă: Dacă sunt afișate alte coduri de eroare, vă rugăm contactați personal calificat pentru service.

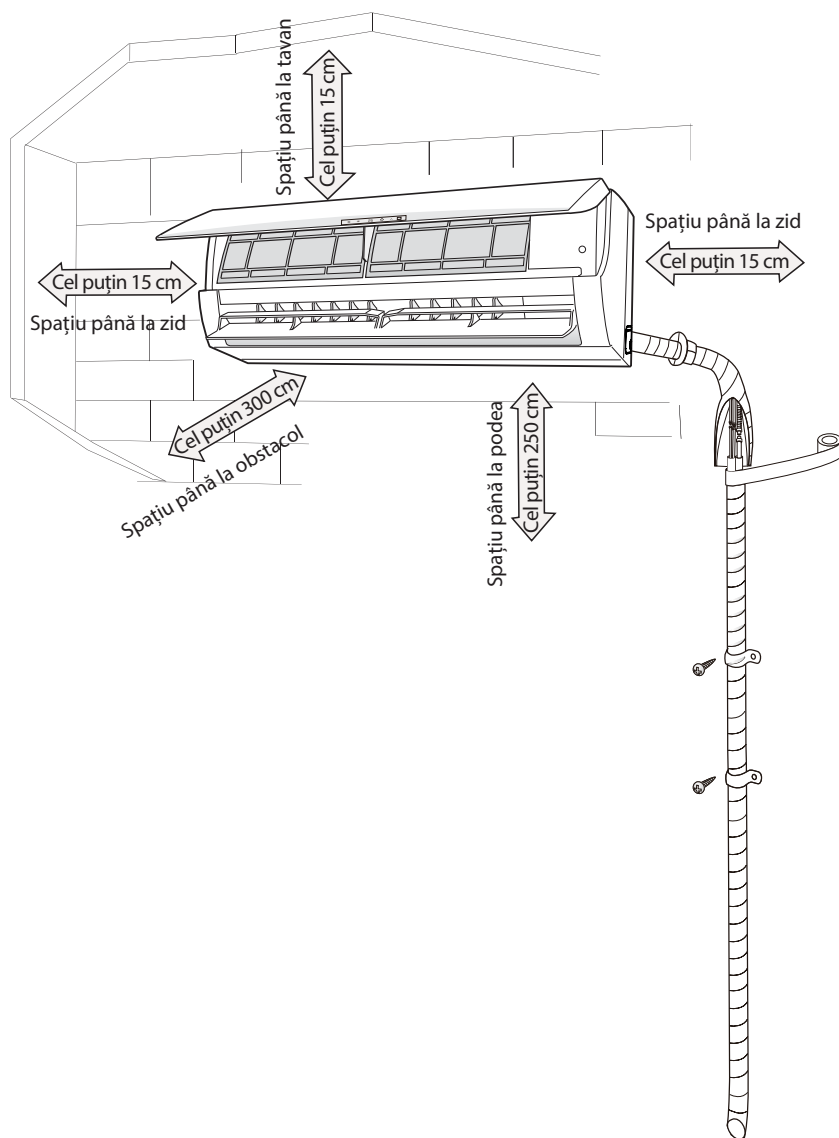


ATENȚIONARE

- Când are loc fenomenul de mai jos, vă rugăm opriți aparatul de aer condiționat și întrerupeți imediat alimentarea electrică, iar apoi contactați reprezentantul sau personalul calificat pentru service.
- Cablul de alimentare se supraîncălzește sau este avariât.
- Există sunete anormale în timpul funcționării.
- Comutatorul aerian se declanșează frecvent.
- Aparatul de aer condiționat emite un miros de ars.
- Unitatea interioară are scurgeri.

- Nu reparați sau repuneți în funcțiune aparatul de aer condiționat pe cont propriu.
- Dacă aparatul de aer condiționat funcționează în condiții anormale, poate cauza avarie, electrocutare sau risc de incendiu.

Diagrama dimensiunilor de instalare



Unelte necesare instalării

1 Boloboc	2 Șurubelniță	3 Bormașină cu percuție
4 Cap portburghiu	5 Expansor țevi	6 Cheie dinamometrică
7 Cheie simplă	8 Clește de tăiat țevi	9 Detector de scurgeri
10 Pompa de vid	11 Manometru	12 Aparat de măsurat universal
13 Imbus hexagonal		14 Ruletă de măsurat

Notă:

- Vă rugăm contactați reprezentantul local pentru instalare.
- Nu folosiți cablu de alimentare neomologat.

Alegerea locului pentru instalare

Cerințe de bază

Instalarea aparatului în următoarele locuri poate cauza defecțiuni. Dacă nu se pot evita, vă rugăm consultați reprezentantul local:

1. Locuri cu surse puternice de căldură, vapori, gaze inflamabile sau explozive, sau obiecte volatile împrăștiate în aer.
2. Locuri cu dispozitive cu frecvențe înalte (ca dispozitive de sudură, echipament medical).
3. Locuri de lângă coastă.
4. Locuri cu uleiuri sau fum în aer.
5. Locuri cu gaze sulfuroase.
6. Alte locuri cu împrejurări speciale.
7. Nu folosiți aparatul în imediata apropiere a unei spălătorii, băi, zonă de duș sau unei piscine.

Unitatea interioară

1. Nu trebuie să existe obstacole lângă admisia sau evacuarea aerului.
2. Alegeți o locație unde apa din condensare poate curge ușor și nu afectează alți oameni.
3. Alegeți o locație unde este convenabilă legarea unității exterioare și în apropierea unei prize.
4. Alegeți o locație la care nu pot ajunge copiii.
5. Locația trebuie să suporte greutatea unității interioare și nu va spori zgomotul sau vibrarea.
6. Aparatul trebuie instalat la 2.5 m deasupra podelei.
7. Nu instalați unitatea interioară chiar deasupra aparatelor electrice.
8. Vă rugăm încercați pe cât posibil să fie departe de lămpi fluorescente

Cerințe pentru legăturile electrice

Precauții pentru siguranță

1. Trebuie să urmați reglementările electrice de siguranță la instalarea aparatului.
2. Conform reglementărilor locale de siguranță, folosiți circuite de alimentare electrică și întrerupător de circuit omologate.
3. Asigurați-vă că alimentarea cu electricitate se potrivește cu cerințele aparatului de aer condiționat.
4. Conectați adecvat firul de alimentare, pe cel neutru și pe cel de împământare ale ștecherului.
5. Asigurați-vă că este întreruptă alimentarea electrică înainte de a efectua orice lucrare legată de electricitate sau siguranță.
6. Nu conectați la electricitate înainte de terminarea instalării.
7. Dacă cablul de alimentare este avariat, acesta trebuie înlocuit de către producător, agent de vânzare sau altă persoană cu calificare asemănătoare pentru a evita un pericol.
8. Temperatura circuitului frigorific poate fi înaltă, vă rugăm țineți cablul de interconectare departe de tubul de cupru.
9. Aparatul trebuie instalat în conformitate cu reglementările naționale de cablare.

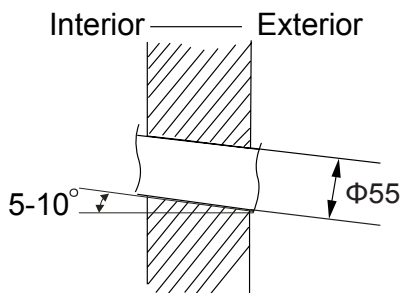
Cerințe pentru împământare

1. Aparatul de aer condiționat este un aparat electric de primă clasă. Trebuie să aibă o împământare adecvată prin instrumente de împământare specializate realizate de un profesionist. Asigurați-vă că este mereu împământată corect, altfel poate cauza electrocutare.
2. Cablul galben-verde din aparatul de aer condiționat este firul de împământare, acesta nu poate fi folosit în alte scopuri.
3. Rezistența la împământare trebuie să fie în conformitate cu reglementările de siguranță naționale din domeniul electric.
4. Aparatul trebuie astfel poziționat încât ștecherul să fie accesibil.
5. Un întrerupător multipolar cu o separare de contact de cel puțin 3 mm în toți polii trebuie să fie conectat în cablajele fixe.

Instalarea unității interioare

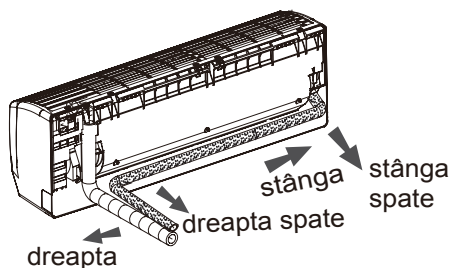
Notă:

- Fiți atenți la prevenirea depunerii de praf și luați măsuri de siguranță relevante când faceți orificiul.
- Diblurile nu sunt incluse și trebuie achiziționate local.

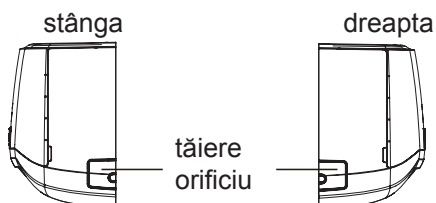


Pasul patru: țeava de evacuare

1. Țeava poate fi scoasă la dreapta, pe spate la stânga, la stânga sau pe spate la dreapta

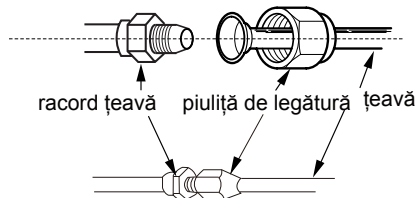


1. Țeava poate fi scoasă la dreapta, pe spate la stânga, la stânga sau pe spate la dreapta

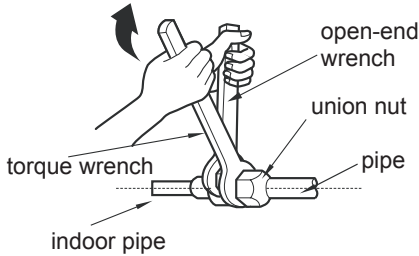


Pasul cinci: legați țeava de unitatea interioară

1. Îndreptați racordul țevii către capătul lărgit corespunzător al țevii.
2. Strângeți puțin piulița de legătură cu mâna.
3. Potrivii efortul de torsiune cu referință la următorul tabel. Puneți cheia simplă pe racordul țevii și puneți cheia dinamometrică pe piulița de legătură. Strângeți piulița cu cheia dinamometrică

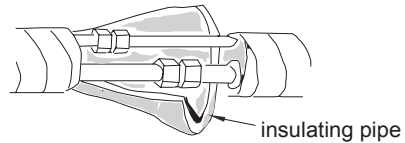


Installation of indoor unit



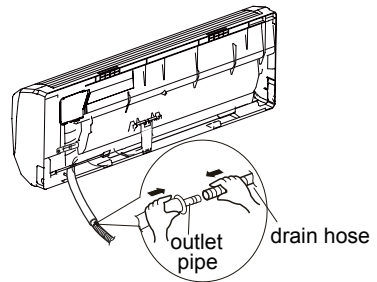
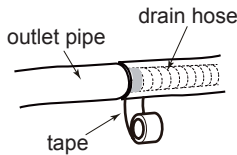
Hex nut diameter	Tightening torque (N·m)
Φ 6	15~20
Φ 9.52	30~40
Φ 12	45~55
Φ 16	60~65
Φ 19	70~75

4. Wrap the indoor pipe and joint of connection pipe with insulating pipe, and then wrap it with tape.



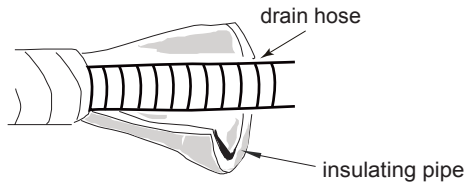
Step six: install drain hose

1. Connect the drain hose to the outlet pipe of indoor unit.
2. Bind the joint with tape.



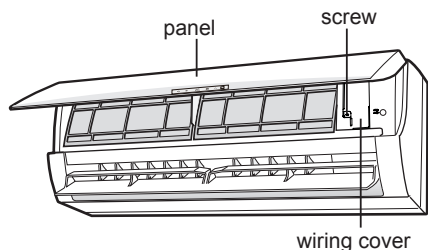
Note:

- Add insulating pipe in the indoor drain hose in order to prevent condensation.
- The plastic expansion particles are not provided.



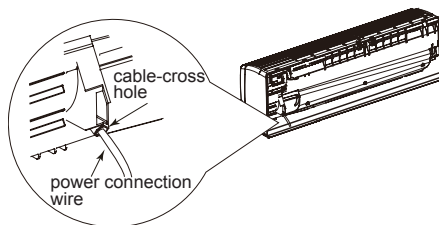
Step seven: connect wire of indoor unit

1. Open the panel, remove the screw on the wiring cover and then take down the cover.

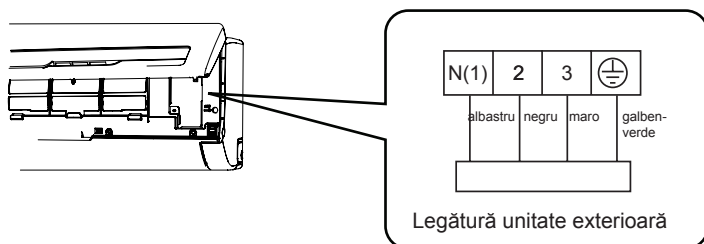


Instalarea unității interioare

2. Treceți cablul electric de legătură prin orificiul pentru cablu din spatele unității interioare și apoi trăgeți-l afară prin partea frontală



3. Dați la o parte clemă cablului; conectați cablul electric de legătură la terminalul de cablare conform culorii; strângeți șurubul și apoi fixați cablul electric de legătură cu clemă pentru cabluri



4. Puneți la loc capacul cablajelor și strângeți apoi șurubul

5. Închideți panoul.

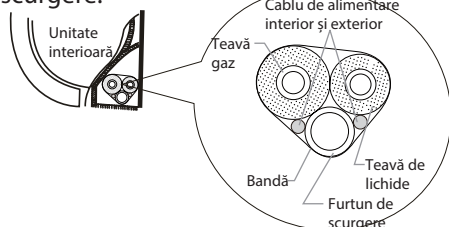
Notă:

- Toate firele unității interioare și ale unității exterioare trebuie legate de un profesionist.
- Dacă lungimea cablului electric de legătură nu este suficientă, vă rugăm contactați furnizorul pentru unul nou. Evitați extinderea firului pe cont propriu.
- Pentru aparatul de aer condiționat cu ștecher, ștecherul trebuie să ajungă după instalare.
- Pentru aparatul de aer condiționat fără ștecher, un comutator aerian trebuie instalat pe fir. Comutatorul trebuie să fie multipolar iar separarea de contact nu trebuie să fie mai mare de 3mm

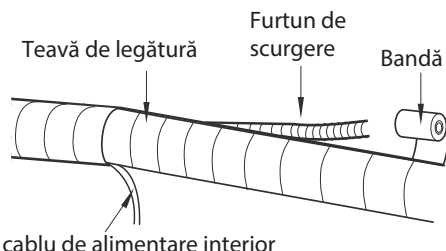
Instalarea unității interioare

Pasul opt: legarea țevii

1. Legați cu bandă țeava de legătură, cablul de alimentare și furtunul de scurgere.



2. Lăsați puțină rezervă de furtun de scurgere și cablu de alimentare pentru instalare atunci când le legați. Când legați la un anumit grad, separați cablul de alimentare intern și apoi separați furtunul de scurgere



cablu de alimentare interior

3. Legați-le în mod egal

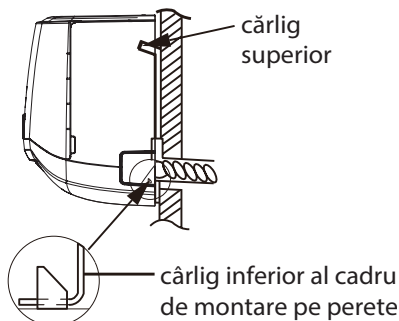
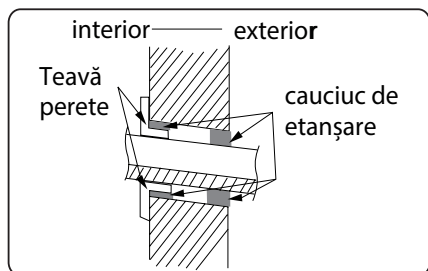
4. Țeava de lichide și cea de gaz trebuie legate separat la final

Notă:

- Cablul de alimentare și cablul de control nu pot fi intersectate sau cotite.
- Furtunul de scurgere trebuie legat la capăt

Pasul nouă: agățarea unității interioare

1. Puneți țevile legate în țeava din zid și apoi treceți-le prin orificiul pentru țeavă din zid.
2. Agățați unitatea interioară pe cadrul de montare de pe perete.
3. Umpleți golul dintre țevi și orificiul din zid cu cauciuc de etanșare.
4. Fixați țeava din zid.
5. Verificați dacă unitatea interioară este instalată ferm și aproape de zid



Notă:

- Nu îndoiți furtunul de scurgere prea mult pentru a preveni blocajele.

Verificarea după instalare

- Verificați conform cerințelor de mai jos după terminarea instalării

De verificat	Defecțiuni posibile
Unitatea a fost instalată bine?	Aparatul poate cădea, vibra sau face zgomot.
Ați făcut testul de scurgeri al agentului frigorific?	Poate cauza o răcire (încălzire) insuficientă
Izolarea termică a țevelor este suficientă?	Poate cauza condens și picurarea apei.
Apa se scurge bine?	Poate cauza condens și picurarea apei.
Voltajul alimentării electrice este același cu voltajul de pe plăcuța de identificare?	Poate cauza defectarea sau funcționarea incorectă a componentelor.
Legarea electrică și a țevelor este executată corect?	Poate cauza defectarea sau funcționarea incorectă a componentelor.
Aparatul este legat bine la împământare?	Poate cauza scăpări electrice.
Cablul de alimentare urmează specificațiile?	Poate cauza defectarea sau funcționarea incorectă a componentelor
Există obstacole la admisia și evacuarea aerului?	Poate cauza o răcire (încălzire) insuficientă.
Praful și mărunțișurile din timpul instalării sunt îndepărtate?	Poate cauza defectarea sau funcționarea incorectă a componentelor.
Supapa de gaz și supapa de lichide ale țevei de legătură sunt deschise complet?	Poate cauza o răcire (încălzire) insuficientă.

Testarea funcționării

1. Pregătirea testării funcționării

- Clientul este de acord cu aparatul de aer condiționat.
- Specificați notele importante ale aparatului de aer condiționat clientului.

2. Metoda testării funcționării

- Băgați în priză, apăsați butonul ON/OFF de pe telecomandă pentru a porni funcționarea.
- Apăsați butonul MODE pentru a selecta AUTO, COOL, DRY, FAN și HEAT, pentru a verifica dacă funcționează normal sau nu.
- Dacă temperatura din cameră este mai mică de 16°C, aparatul de aer condiționat nu poate porni răcirea.

Configurarea țevii de legătură

1. Lungimea standard a țevii de legătură.
 - 5m, 7,5 m, 8m,
2. Lungimea minimă a țevii de legătură este de 3m.
3. Lungimea maximă a țevii de legătură și cea mai mare diferență

Capacitate a de răcire	Lungimea maximă a țevii de legătură	Diferența maximă în înălțime
5000Btu/h (1465W)	15	5
7000Btu/h (2051W)	15	5
9000Btu/h (2637W)	15	5
12000Btu/h (3516W)	20	10
18000Btu/h (5274W)	25	10

Capacitate a de răcire	Lungimea maximă a țevii de legătură	Diferența maximă în înălțime
24000Btu/h (7032W)	25	10
28000Btu/h (8204W)	30	10
36000Btu/h (10548W)	30	20
42000Btu/h (12306W)	30	20
48000Btu/h (14064W)	30	20

4. Uleiul suplimentar al agentului frigorific și umplerea cu agent frigorific după extinderea țevii de legătură

- După ce țeava de legătură este lungită cu 10m la baza lungimii standard, trebuie adăugați 5ml de ulei al agentului frigorific pentru fiecare 5ml în plus de țeavă de legătură.
- Modalitatea de calcul al cantității de agent frigorific suplimentar de umplere (bazat pe țeava de lichide): Cantitatea de umplere a agentului frigorific suplimentar = lungimea extinsă a țevii de lichide x cantitatea suplimentară de agent frigorific de umplere
- Pe baza lungimii țevii standard, adăugați agent frigorific conform cerințelor din tabel. Cantitatea suplimentară de agent frigorific de umplere este diferită conform diametrului țevii de lichide. Consultați următorul tabel.

Configurarea țevii de legătură

Cantitatea suplimentară de agent frigorific de umplere pentru R22, R407C, R410A și R134a

Diametru țeavă de legătură		Accelerație unitate exterioară	
Țeavă de lichide (mm)	Țeavă de gaz (mm)	Doar răcire (g/m)	Răcire și încălzire (g/m)
Φ6	Φ9.52 or Φ12	15	20
Φ6 or Φ9.52	Φ16 or Φ19	15	50
Φ12	Φ19 or Φ22.2	30	120
Φ16	Φ25.4 or Φ31.8	60	120
Φ19	—	250	250
Φ22.2	—	350	350

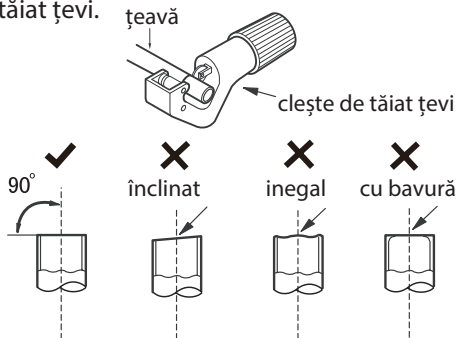
Modalitatea de extindere a țevii

Notă:

Extinderea incorectă a țevii este cauza principală a scurgerii agentului frigorific. Vă rugăm extindeți țeava conform următorilor pași:

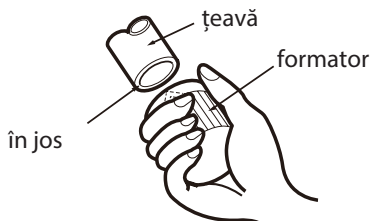
A. Tăiați țeava

- Confirmați lungimea țevii conform distanței dintre unitatea interioară și cea exterioară.
- Tăiați țeava necesară cu cleștele de tăiat țevi.



B. Îndepărtați bavura

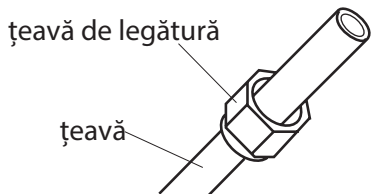
- Îndepărtați bavura cu formatorul și împiedicați bavura să intre în țevi.



C. Atașați țevi izolatoare adecvate.

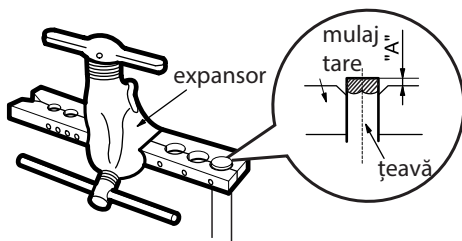
D. Atașați piulița de legătură.

- Dați jos piulița de legătură de pe țeava de legătură interioară și supapa exterioară; instalați piulița de legătură pe țeavă.



E. Extindeți orificiul cu expansorul

- Extindeți orificiul cu expansorul



Notă:

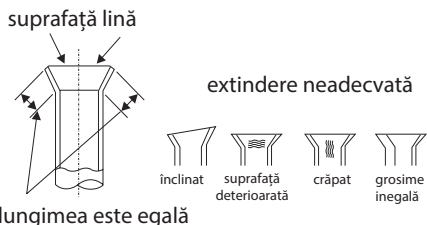
- Punctul A este diferit în funcție de diametru, vă rugăm consultați tabelul de mai jos:

Diametru exterior (mm)	A(mm)	
	Max	Min
Φ6 - 6.35(1/4")	1.3	0.7
Φ9.52(3/8")	1.6	1.0
Φ12-12.7(1/2")	1.8	1.0
Φ15.8-16(5/8")	2.4	2.2

F. Inspekția

- Verificați calitatea expansorului.

Dacă există defecte, extindeți din nou orificiul conform pașilor de mai sus.





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